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A DIRECTORY OF UNIVERSITY-LEVEL TRAINING PROGRAMMES IN THE AQUATIC SCIENCES WITH EMPHASIS ON FISHERIES

prepared by

Research Information Unit
Fishery Resources and Environment Division

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS
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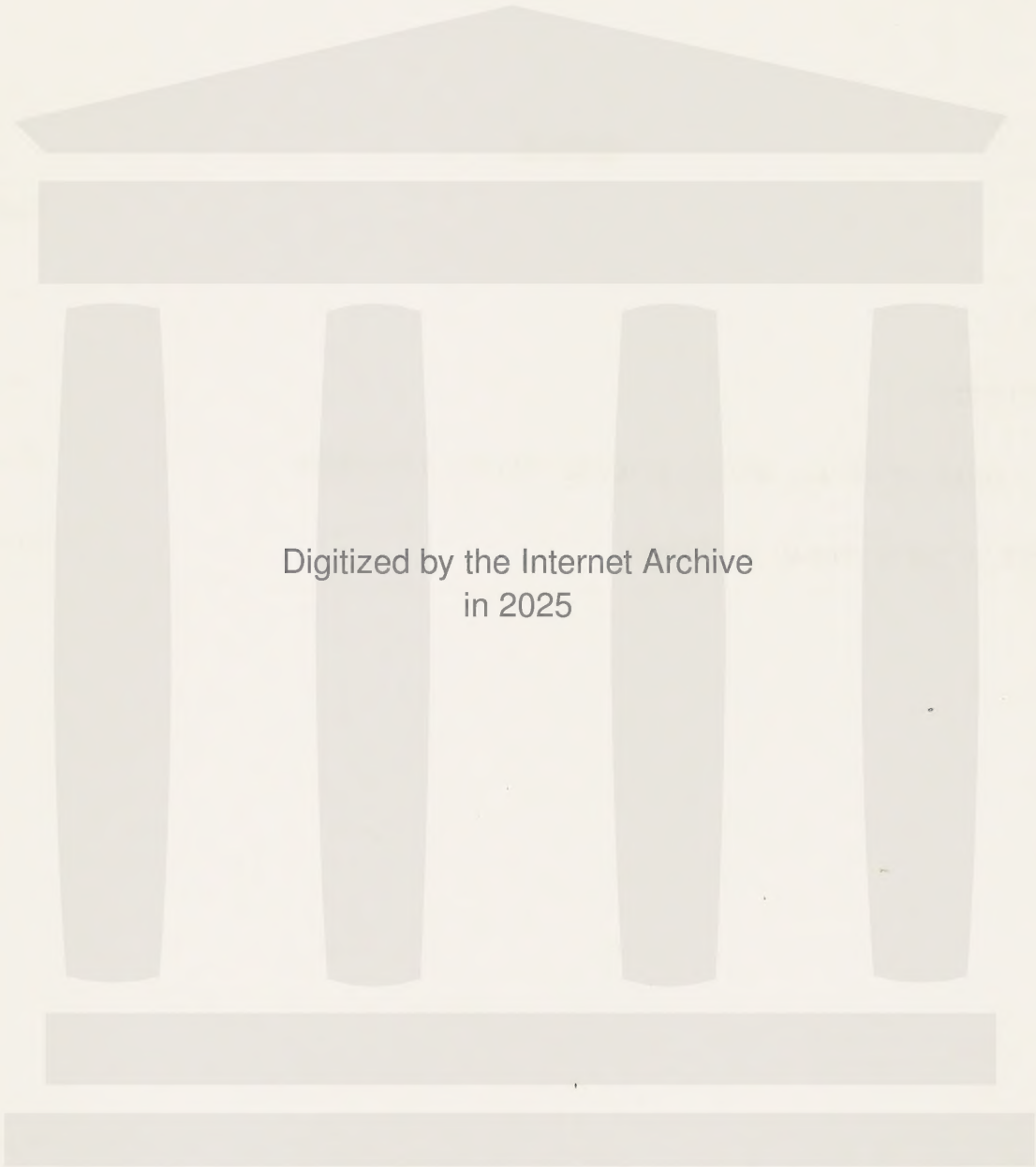
A DIRECTORY OF UNIVERSITY-LEVEL TRAINING PROGRAMMES IN THE AQUATIC SCIENCES WITH EMPHASIS ON FISHERIES

CONTENTS

	Page
INTRODUCTION	v
LIST OF INSTITUTIONS	1-97
APPENDIX 1 - SHORT COURSE AND SPECIAL ADVANCED TRAINING PROGRAMMES	98-99
SUBJECT INDEX TO INSTRUCTIONAL PROGRAMMES	101-111



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INTRODUCTION

This document is compiled to meet the request of Member Governments for information on university-level training programmes in the aquatic sciences, with emphasis on fisheries. The information presented is derived from prospectuses maintained in the Register of Aquatic Sciences and Fisheries Institutions, as well as from the data provided by institutions through a Questionnaire distributed in early 1974.

The Directory consists of two parts:

The first part contains the institutions giving instructions in both marine and fresh-water disciplines and their programmes; listed in alphabetic order of their English country names, with an alphanumeric entry number. Those institutions offering short-term and special training opportunities are entered in an appendix to the main text. The description of courses is presented under Undergraduate and Graduate Course titles and the language in which the lectures are given is indicated. Where available, an address is also given where further information can be requested.

The second part of the Directory, 'Subject Index to Instructional Programmes', lists the entry numbers of the institutions under various programme titles. The institution providing the courses can be retrieved through the entry numbers. In most cases the three-letter country codes correspond to the proper alphabetic position of the English name of the country in the main text, with the exception of the following countries where codes do not correspond alphabetically:

Algeria	DZA
Germany, Dem.Rep. of	DDR
Fed.Rep. of	DEU
Ivory Coast	CIV
South Africa	ZAF
Spain	ESP
United Kingdom	GBR

It is hoped that the present list will be updated periodically as and when new information is available to FAO.

LIST OF INSTITUTIONS

INSTITUT OCEANOGRAPHIQUE D'ALGER DZA 01

Jetée Nord, Algeria

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses: Combined General Oceanography, General Biological Oceanography (Marine Biology), Plankton, Ecology

Graduate Courses: None

Language of Instruction: French

Further Information: Institut Oceanographique d'Alger, Jetée Nord, Algeria

HYDROBIOLOGICAL STATION ARG 01

Avenida Lastra esq. Juarez, Chascomus FCNGR,
Buenos Aires, Argentina

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses: General Freshwater Biology (Limnology)

Graduate Courses: None

Language of Instruction: Spanish

Further Information: Hydrobiological Station, Avenida Lastra esq. Juarez, Chascomus FCNGR, Buenos Aires, Argentina

INSTITUTE OF MARINE BIOLOGY, MAR DEL PLATA ARG 02

Playa Grande, Mar del Plata, Argentina

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses: Fish Biology; Ichthyology, and General Biological Oceanography (Marine Biology); Ecology, Ichthyology (Freshwater Biology - Limnology)

Graduate Courses: None

Language of Instruction: Spanish

Further Information: Institute of Marine Biology, Casilla de Correo 175, Playa Grande, Mar del Plata, Argentina

INSTITUTE OF MARINE BIOLOGY, PUERTO DESEADO ARG 03

Provincia de Santa Cruz, Argentina

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, (Basic Sciences); Plankton, Ecology, Algae, (Biological Oceanography - Marine Biology)
Graduate Courses:	None
Language of Instruction:	Spanish
Further Information:	Institute of Marine Biology, Puerto Deseado, Provincia de Santa Cruz Argentina

MARINE LABORATORY, ZOOLOGY DEPARTMENT, UNIVERSITY OF ADELAIDE AUS 01

University of Adelaide, Adelaide, S.A., Australia

This Institution offers a double unit (one half of one term's work) in marine biology including ecology of mangroves, some oceanography, fisheries biology and population dynamics, and does not grant specialized degrees. The training programmes offered include supervized research opportunities and/or laboratory space.

Undergraduate courses:	Zoology (General vertebrate and invertebrate), Population Dynamics, Combined General Oceanography, Ecology (Mangroves)
Graduate courses:	None
Language of Instruction:	English
Foreign students accepted with:	Secondary School Diploma (Matriculation), and Baccalaureate Degree
Further information:	Zoology Department, University of Adelaide, Adelaide, S.A., Australia

COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION (CSIRO) AUS 02
DIVISION OF FISHERIES AND OCEANOGRAPHY

P.O. Box 21, Cronulla, NSW, Australia

This Institution offers courses in general oceanography and marine biology, and does not grant specialized degrees.

Undergraduate courses:	Biological Oceanography (Marine Biology) General
Graduate courses:	None
Language of Instruction:	English
Foreign students accepted with:	Undergraduate students already attending an Australian university
Further information:	CSIRO, Division of Fisheries and Oceanography, P.O. Box 21, Cronulla, NSW, Australia

BIOLOGISCHE STATION LUNZ AUT 01

Lunz am See, Austria

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate courses: (Does not grant degree)	Zoology, Botany, Microbiology, Chemistry, Freshwater Pollution, Fresh-Water Biology (Limnology) General, Plankton, Ecology, Aquatic Botany, Physiology, Taxonomy, Aquatic Entomology, Bottom Fauna and Flora of Lakes
Graduate courses: (Does not grant degree)	Zoology, Botany, Fresh-Water Biology (Limnology) General, Plankton, Ecology, Aquatic Botany, Physiology, Taxonomy, Aquatic Entomology, Bottom Fauna and Flora of Lakes
Language of Instruction:	English or German
Foreign students accepted with:	Baccalaureate Degree
Further information:	Biologische Station Lunz, Lunz am See, Austria

INSTITUT FÜR HYDROBIOLOGIE UND FISCHEREIWIRTSCHAFT AUT 02

Hochschule für Bodenkultur, Feistmantelstrasse 4, 1180 Wien, Austria

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as well as supervised research opportunities and/or laboratory space:

Undergraduate courses:	Fish Biology, Fresh-Water Biology (Limnology) General
Graduate courses:	None
Language of Instruction:	German
Further Information:	Institut für Hydrobiologie und Fischereiwirtschaft, Hochschule für Bodenkultur, Feistmantelstrasse 4, 1180 Wien, Austria

BUNDESANSTALT FÜR WASSERBIOLOGIE UND ABWASSERFORSCHUNG AUT 03

Postfach 7, Kaisermuehlen 39/XXII, Wien, Austria

This Institution offers two specialized courses as follows:

1) Postgraduate course in "Water Balance and Water Quality" (Wasserhaushalt und Gewässergüte) which takes place every second year. The next will be in 1977.

2) Training course in "Qualified Water Inspection Services" (Qualifizierten Gewässergüteaufsichtsdienst) which takes place yearly.

Language of Instruction:	German
Further Information:	Bundesanstalt für Wasserbiologie und Abwasserforschung Postfach 7, Kaisermuehlen 39/XXII, Wien, Austria

BERMUDA BIOLOGICAL STATION FOR RESEARCH BMU 02

St. George's West, Bermuda

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Physical, Geological and General Oceanography; Experimental Embryology, (Biological Oceanography - Marine Biology); Marine Sediments (Carbonate)
Graduate Courses:	None
Language of Instruction:	English
Further Information:	Bermuda Biological Station for Research St. George's West Bermuda

DEPARTMENT OF FISHERY ENGINEERING, FEDERAL UNIVERSITY OF CEARA BRA 01

Fortaleza - Ceará, Brazil

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology, or related specialized programmes as follows:

Undergraduate Courses:	None
Graduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, (Basic Sciences); Fish Biology, Population Dynamics, Biometrics, Management, Fishery Oceanography, (Fishery Sciences); Fisheries Technology (Processing), Fishing Gear and Methods, Fishery Resource Development, Fishery Economics, Fishery Law, Fishery Statistics; Marine and Freshwater Aquaculture; Biological, Chemical, Physical, and Geological General Oceanography; Plankton, Ecology, Botany, Microbiology, Biochemistry, Taxonomy, and General Biological Oceanography (Marine Biology); Meteorological Oceanography and General Physical Oceanography; General Chemical Oceanography; Marine Sediments and General Geological Oceanography; Marine and Freshwater Pollution; Plankton, Ecology, Aquatic Botany, Behaviour, Physiology, and General Freshwater Biology (Limnology)
Language of Instruction:	Portuguese
Foreign students accepted with:	Secondary School Diploma
Faculty:	Twenty full-time and five part-time staff teach students and supervise research
Further Information:	Mr. Melquíades Pinto Paiva, D.Sc., Chief, Department of Fishery Engineering Federal University of Ceará, P.O. Box 1072 Fortaleza - Ceará, Brazil

INSTITUTE OF OCEANOGRAPHY, UNIVERSITY OF SAO PAULO BRA 02

Alameda Eduardo Prado 698, São Paulo, Brazil

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	General Fishery Sciences; General Oceanography; General Biological Oceanography (Marine Biology)
Graduate Courses:	None
Language of Instruction:	Portuguese
Further Information:	Institute of Oceanography University of São Paulo P.O. Box 9075, Alameda Eduardo Prado 698 São Paulo, Brazil

MARINE BIOLOGY LABORATORY, SAO SEBASTIAO BRA 03

São Paulo 9, Brazil

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Biochemistry, (Basic Sciences); Plankton, Ecology, Biochemistry, Physiology, Phytoplankton, Pharmacology, and General Biological Oceanography (Marine Biology)
Graduate Courses:	None
Language of Instruction:	Portuguese
Faculty:	Eight full-time staff teach students and supervise research
Further Information:	Marine Biology Laboratory, São Sebastião, P.O. Box 11.230, São Paulo 9, Brazil

MARINE BIOLOGY STATION, MINISTRY OF INDUSTRY AND COMMERCE, QUEBEC CAN 01

Grande-Rivière, Gaspé-sud, Québec, Canada

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate courses:	Fishing Gear and Methods, Combined General Oceanography, General Biological Oceanography (Marine Biology), Plankton, Physiology, Benthos, General Physical Oceanography
Graduate courses:	None
Language of Instruction:	French and English
Foreign students accepted with:	No limitations for summer courses
Further Information:	Dr. Armand Lachance, Director, Research Division, Direction générale des Pêches maritimes, Ministère de l'Industrie et du Commerce, Complexe scientifique C-2-65, 555 boul. Henri IV, Québec, Canada GIV 4C7

DEPARTMENT OF BIOLOGICAL SCIENCES, UNIVERSITY OF MONTREAL CAN 02

Case Postale 6128, Montréal, Québec H3C 3J7, Canada

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Microbiology, Mathematics (Biometry: Biostatistics - not specifically applied to fisheries), Fish Biology, Management ("Aménagement et pollution"), Ecology, Physiology, Freshwater Pollution (in "Aménagement et pollution"), Ecology (Freshwater), Ichthyology, Behaviour (in general course on behaviour), Physiology (Freshwater), Parasitology
Graduate Courses:	None
Language of Instruction:	French (if foreign professors, courses may be given in English)
Foreign students accepted with:	Most academic standards required for entrance to University of Montreal
Financial aid available to:	Demonstratorships for citizens and foreign students: $600 for 3 ½ hours a week in laboratory for whole academic year, or $1,200 for 7 hours a week
Faculty:	Twenty-seven full-time and three part-time staff teach students and supervise research
Further Information:	Department of Biological Sciences, University of Montreal, C.P. 6128, Quebec H3C 3J7, Canada

MARINE SCIENCES CENTRE, McGILL UNIVERSITY, MONTREAL CAN 03

Montreal, Quebec, Canada

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Ecology, Botany (Marine Biology), Microbiology (Marine Biology), Physiology, Geochemistry, Marine Sediments, Physical Oceanography of tropical and arctic waters and in the Gulf of St. Lawrence (General,), Tides and Waves, Ocean Circulation, Geophysics, Underwater Acoustics, Air/Sea Interaction, Meteorological Oceanography and Physics of sea ice and methods of forecasting ice conditions, air-sea energy exchange
Graduate Courses:	Fish Biology, Population Dynamics, General Chemical Oceanography, Geochemistry, General Geological Oceanography, Marine Sediments, Marine Pollution
Language of Instruction:	English
Foreign students accepted with:	Baccalaureate Degree (Honours)
Financial aid available to:	Details of Fellowships, Scholarships, Bursaries, Medals, and Loan Funds available for graduate students in the "Announcement of Scholarships, Bursaries, Prizes, Medals and Loan Funds" obtainable from the Registrar
Faculty:	Eleven full-time and eleven part-time staff teach students and supervise research
Further information:	Dr. M.J. Dunbar, Chairman, Marine Sciences Centre

UNIVERSITY OF SASKATCHEWAN, DEPARTMENT OF BIOLOGY, LIMNOLOGICAL LABORATORY CAN 04

Saskatoon, Saskatchewan, Canada

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Fish Biology, Population Dynamics, Management, Pollution (Limnology), Ecology, Behaviour, Taxonomy, Aquatic Entomology
Graduate Courses:	Zoology, Botany, Biometrics
Language of Instruction:	English
Foreign students accepted with:	Secondary School, Baccalaureate Degree
Financial aid available to:	Citizens only but foreign students may work in laboratories
Faculty:	Four full-time staff teach students and supervise research
Further Information:	Registrar, University of Saskatchewan, Saskatoon, Canada

R.B. MILLER, BIOLOGICAL STATION, DEPARTMENT OF ZOOLOGY CAN 05

University of Alberta, Alberta, Canada

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, Fish Biology, Population Dynamics, Management, General Fresh-Water Biology (Limnology), Plankton, Ecology, Aquatic Botany, Ichthyology, Biochemistry, Behaviour, Physiology, Taxonomy, Biometry, Aquatic Entomology, Parasitology
Graduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, Fish Biology, Population Dynamics, General Fresh-Water Biology (Limnology), Plankton, Ecology, Aquatic Botany, Ichthyology, Biochemistry, Behaviour, Physiology, Biometry, Aquatic Entomology, Parasitology
Language of Instruction:	English
Faculty:	One full-time staff teaches students and supervises research
Further Information:	R.B. Miller, Biological Station, Department of Zoology, University of Alberta, Alberta, Canada

UNIVERSITY OF TORONTO, GREAT LAKES INSTITUTE CAN 06

University of Toronto, Toronto, Ontario, Canada

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized prgrammes as follows:

Undergraduate Courses:	None
Graduate Courses:	Combined General Oceanography, General Fresh-Water Biology (Limnology)
Language of Instruction:	English
Further Information:	University of Toronto, Great Lakes Institute, Toronto, Canada

UNIVERSITY OF WATERLOO, DEPARTMENT OF BIOLOGY CAN 07

Waterloo, Ontario, Canada

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	None
Graduate Courses:	Freshwater Pollution, Plankton, Ecology, Parasitology, Algology and Palynology
Language of Instruction:	English
Further Information:	University of Waterloo, Department of Biology, Waterloo, Ontario, Canada

COLLEGE OF FISHERIES, NAVIGATION, MARINE ENGINEERING AND ELECTRONICS CAN 08

P.O. Box 1860, Parade Street, St. John's, Newfoundland, Canada

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Microbiology, Chemistry, Physics, Mathematics, Fisheries Technology (Processing), Fishing Gear and Methods, Fishery Law, Biological and Physical General Oceanography, Tides and Waves, Ocean Circulation, Underwater Acoustics, Air/Sea Interaction, Meteorological Oceanography
Graduate Courses:	None
Language of Instruction:	English
Foreign students accepted with:	Secondary School Diploma (generally G.C.E. "O" Levels)
Financial aid available to:	Citizens - $100 per month Foreign Students - Scholarships through CIDA
Faculty:	Ten full-time staff teach students and supervise research
Further Information:	Registrar, College of Fisheries, Navigation, Marine Engineering and Electronics, P.O. Box 1860, Parade Street, St. John's, Newfoundland, Canada

INSTITUTE OF OCEANOGRAPHY, DALHOUSIE UNIVERSITY CAN 09

Halifax, Nova Scotia, Canada

This Institute offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	None
Graduate Courses:	Microbiology, Marine Sediments, Magnetic and Gravity studies, Geophysical Studies, Seismic Studies, Geochemistry, Ecology of Phytoplankton
Language of Instruction:	English
Foreign students accepted with:	All students must satisfy the general requirements of the Faculty of Graduate Studies to prepare M.Sc. and Ph.D. in Oceanography
Financial aid available to:	Limited funds available to foreign students
Further information:	Institute of Oceanography, Dalhousie University, Halifax, Nova Scotia, Canada

UNIVERSITY OF BRITISH COLUMBIA, INSTITUTE OF OCEANOGRAPHY CAN 10

Vancouver VCT 1W5, B.C., Canada

This Institution offers occasional courses; short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, Fish Biology, Population Dynamics, Biometrics, Management, General Oceanography (Biological, Chemical, Physical and Geological), General Freshwater Biology (Limnology), Plankton, Ecology (Freshwater), Aquatic Botany, Ichthyology, Biochemistry, Behaviour, Physiology, Taxonomy, Biometry, Aquatic Entomology, Parasitology
Graduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, Plankton, Botany (Biological Oceanography), Mycology, Tides and Waves, Ocean Circulation, Geophysics, Air/Sea Interaction, General Chemical Oceanography, Geochemistry, General Geological Oceanography, Marine Sediments
Language of Instruction:	English
Foreign students accepted with:	Bachelor's Degree (Honours), or equivalent
Faculty:	Twelve full-time staff teach students and supervise research
Further Information:	Director, Institute of Oceanography, The University of British Columbia, Vancouver VCT 1W5, Canada

UNIVERSITY OF BRITISH COLUMBIA, INSTITUTE OF FISHERIES CAN 11

Vancouver VCT 1W5, B.C., Canada

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Fish Biology, Management, Fishery Economics, Fishery Law, Zoogeography, Ichthyology
Graduate Courses:	None
Language of Instruction:	English
Further Information:	Director, Institute of Fisheries, University of British Columbia, Vancouver VCT 1W5, B.C., Canada

ZOOLOGICAL INVESTIGATION CENTRE, DEPARTMENT OF HYDROBIOLOGY CHL 01
UNIVERSITY OF CHILE

Santiago, Chile

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, (Basic Sciences) General Biological Oceanography (Marine Biology)
Graduate Courses:	None
Language of Instruction:	Spanish
Further Information:	Zoological Investigation Centre, Department of Hydrobiology, University of Chile, Casilla 10-135, Santiago, Chile

MARINE BIOLOGY SECTION, DEPARTMENT OF SCIENTIFIC INVESTIGATION, CHL 02
UNIVERSITY OF CHILE (NORTH ZONE)

Antofagasta, Chile

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, (Basic Sciences) General Biological Oceanography (Marine Biology)
Graduate Courses:	None
Language of Instruction:	Spanish
Further Information:	Marine Biology Section, Department of Scientific Investigation, University of Chile (North Zone), Casilla 1240, Antofagasta, Chile

SCHOOL OF FISHERIES AND FOOD, CATHOLIC UNIVERSITY OF VALPARAISO CHL 03

Valparaiso, Chile

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Microbiology, Chemistry, Physics, Mathematics, (Basic Sciences); Fish Biology, Population Dynamics, Biometrics, Management, (Fishery Sciences); Fisheries Technology (Processing), Fishing Gear and Methods, Fishery Resource Development, Fishery Economics, Fishery Law; Marine and Freshwater Aquaculture; Biological, Chemical, Physical, Geological, and Combined General Oceanography; Plankton, Ecology, Microbiology, Ichthyology, Biochemistry, Behaviour, Physiology, Taxonomy, Biometry, and General Biological Oceanography (Marine Biology); Tides and Waves, Ocean Circulation, Geophysics, Underwater Acoustics, Air/Sea Interaction, Meteorological Oceanography, and General Physical Oceanography; Geochemistry and General Chemical Oceanography; Marine Sediments and General Geological Oceanography; Marine and Freshwater Pollution; Plankton, Ecology, Aquatic Botany, Ichthyology, Biochemistry, Behaviour, Physiology, Taxqnomy, Biometry, Aquatic Entomology, Parasitology, and General Freshwater Biology (Limnology)
Graduate Courses:	Population Dynamics, Biometrics, (Fishery Sciences); Fisheries Technology (Processing), Fishing Gear and Methods, Fishery Resource Development, Fishery Economics, Fishery Law; Marine and Freshwater Aquaculture; Tides and Waves, Ocean Circulation, Meteorological Oceanography, and General Physical Oceanography; Marine Sediments and General Geological Oceanography; Ecology, Aquatic Botany, Ichthyology, Behaviour, Physiology, Biometry, Aquatic Entomology, and General Freshwater Biology (Limnology)
Language of Instruction:	Spanish
Foreign students accepted with:	Admission to the School Immatriculation Must know Spanish
Faculty:	Twenty-eight full-time and fifteen part-time staff teach students and supervise research
Further Information:	Profesor Señor Sergio F. GONZALEZ Berrido Director Escuela de Pesquerías y Alimentos Universidad Católica de Valparaiso, Chile

INSTITUTE OF ZOOLOGY, AUSTRAL UNIVERSITY CHL 04

Isla Teja, Valdivia, Chile

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, (Basic Sciences); Fish Biology, Population Dynamics, Biometrics, (Fishery Sciences); Marine and Freshwater Aquaculture; Biological General Oceanography; Plankton, Ecology, Ichthyology, Taxonomy, General Biological Oceanography (Marine Biology); Plankton, Ecology, Ichthyology, Taxonomy, Biometry, and General Freshwater Biology (Limnology)
Graduate Courses:	None
Language of Instruction:	Spanish
Faculty:	Ten full-time staff teach students and supervise research
Further Information:	Dr. H. Campes C. Director Instituto de Zoologia Universidad Austral de Chile Casilla 567 Isla Teja, Valdivia Chile

DEPARTMENT OF BIOLOGY, UNIVERSITY OF COSTA RICA CRI 01

San José, Costa Rica

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Chemistry, Physics, Geology, Mathematics, (Basic Sciences); Fish Biology; General Oceanography; Ecology, Ichthyology, and General Biological Oceanography (Marine Biology); General Freshwater Biology (Limnology)
Graduate Courses:	None
Language of Instruction:	Spanish
Further Information:	Dr. Jorge Jiménez Jiménez Director Department of Biology University of Costa Rica San José Costa Rica

MARINE LABORATORY, ORIENTAL UNIVERSITY CUB 01

Santiago de Cuba, Cuba

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, (Basic Sciences); Plankton, Ecology, Botany, and General Biological Oceanography (Marine Biology)
Graduate Courses:	None
Language of Instruction:	Spanish
Further Information:	Marine Laboratory Oriental University Santiago de Cuba Cuba

UNIVERSITY OF AGRICULTURE, DEPARTMENT OF FISHERIES AND HYDROBIOLOGY CSK 01

(Vysoká skola zemědělská v Brne, Oddělení pro Hydrobiologii a Ichthyologii)

662 65 Brno, Czechoslovakia

This Institution offers occasional courses, short course, or similar kinds of training in fisheries, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Fish Biology, Population Dynamics, Freshwater Aquaculture, Freshwater Pollution, General Freshwater Biology, Plankton, Ecology, Aquatic Botany, Ichthyology, Physiology, Parasitology
Graduate Courses:	Same as above
Language of Instruction:	Czech
Foreign students accepted with:	Secondary School Diploma
Financial aid available to:	Scholarships available to both citizens and foreign students
Faculty:	Five full-time and three part-time staff teach students and supervise research
Further information:	Doc.ing. Jirí Jirásek Vysoká škola zemědělská v Brně katedra rybářství a hydrobiologie 662 65 Brno, Czechoslovakia

UNIVERSITY OF ALEXANDRIA, DEPARTMENT OF OCEANOGRAPHY EGY 01

Faculty of Science, University of Alexandria, Moharrem Bay, Alexandria, Egypt

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, Fish Biology, Population Dynamics, Biometrics, Management, Fishing Gear and Methods, Freshwater Aquaculture, Biological, Chemical, Physical, Geological and Combined General Oceanography, Plankton, Ecology, Botany, Microbiology, Zoogeography, Ichthyology, Physiology, Taxonomy, Biometry, General Physical Oceanography, Tides and Waves, Ocean Circulation, Air/Sea Interaction, Meteorological Oceanography, General Chemical Oceanography, Geochemistry, General Geological Oceanography, Marine Sediments, Marine and Freshwater Pollution, General Freshwater Biology (Limnology), Ecology, Classification of marine invertebrates, sea grasses and algae, brackish-water ecology, phytoplankton, comparative physiology, economic oceanography, zooplankton, history of oceanography, instruments and methods of research, submarine sediments.
Graduate Courses:	Fish Biology, Population Dynamics, Biometrics, Management, Fishery Resource Development, Marine Aquaculture, Biological, Chemical, Physical, Geological General Oceanography, Biochemistry, Taxonomy, Biometry, Tides and Waves, Ocean Circulation, Meteorological Oceano-

../..

Graduate Courses: (Contd.) graphy, General Chemical Oceanography, Geochemistry, General Geological Oceanography, Marine Sediments, General Freshwater Biology (Limnology), Plankton, Ecology, Aquatic Botany, Ichthyology, Biochemistry, Physiology, Taxonomy, Biometry

Language of Instruction: English

Foreign students accepted with: Upon arrangement

Financial aid available to: Two grants for national postgraduate students in Physical Oceanography and for foreign students by arrangement

Faculty: Twenty-three full-time and 4 part-time staff teach students and supervise research

Further information: Prof. Dr. Aly M. El-Maghraby
Head of Department of Oceanography
Faculty of Science
Alexandria University, Alexandria, EGYPT

COUNCIL OF SCIENTIFIC RESEARCH, INSTITUTE OF OCEANOGRAPHY AND FISHERIES EGY 02

Al-Ghardaqa, Red Sea, Egypt

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses: Zoology, Combined General Oceanography, General Biological Oceanography (Marine Biology), General Freshwater Biology (Limnology), Plankton, Physiology, Algae, Embryology of marine invertebrates, coral reef problems and biology, fishes, marine mammals, phanerogams

Graduate courses: None

Language of Instruction: Arabic

Further information: The Council of Scientific Research, Institute of Oceanography and Fisheries, Al-Ghardaqa, Red Sea

UNIVERSITY OF CAIRO, HYDROBIOLOGICAL INSTITUTE EGY 03

Attaqa, Egypt

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses: Zoology, Fish Biology, Combined General Oceanography, General Biological Oceanography (Marine Biology), Ecology, Plankton, Physiology, Algae

Graduate Courses: None

Language of Instruction: Arabic

Further information: University of Cairo, Hydrobiological Institute, Attaqa, Egypt

UNIVERSITY OF CAIRO, INSTITUTE OF OCEANOGRAPHY AND FISHERIES EGY 04

Cairo, Egypt

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Combined General Oceanography, General Biological Oceanography (Marine Biology), General Freshwater Biology (Limnology), Physiology, Parasitology, Algae
Graduate Courses:	None
Language of Instruction:	Arabic
Further information:	University of Cairo, Institute of Oceanography and Fisheries, Cairo, Egypt

UNIVERSITY OF FINLAND, DEPARTMENT OF LIMNOLOGY FIN 01

Unioninkatu 40, Helsinki, Finland

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Fisheries Technology (Processing), Fishery Economics, Freshwater Aquaculture, General Freshwater Biology (Limnology), Hydrobiology
Graduate Courses:	Fish Biology, Population Dynamics, Fisheries Technology (Processing), Fishery Economics, Freshwater Aquaculture, Freshwater and Brackish-Water Pollution, General Freshwater Biology (Limnology), Plankton, Ecology, Aquatic Botany, Ichthyology, Biochemistry, Behaviour, Physiology, Taxonomy, Biometry, Aquatic Entomology, Parasitology, Hydrobiology
Language of Instruction:	Finnish
Foreign students accepted with:	Baccalaureate Degree
Faculty:	Seven full-time and three part-time staff teach students and supervise research
Further information:	University of Finland, Department of Limnology, Unioninkatu 40, Helsinki, Finland

TVÄRMINNE ZOOLOGICAL STATION, UNIVERSITY OF HELSINKI FIN 02

10850 Tvärminne, Finland

This Institution offers occasional courses, short courses, or similar kinds of training in marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Chemical General Oceanography, Ecology, Botany, Ichthyology, Physiology, Aquatic Botany, Hydrobiology, Biology of Rock Pools
Graduate Courses:	Plankton, Botany
Language of Instruction:	Finnish and Swedish. Some courses given in English.
Faculty:	Four to six part-time staff teach students and supervise research
Further information:	Dr. Rolf Kristoffersson Chairman of Staff, Tvärminne Zoological Station, 10850 Tvärminne, Finland

ARCHIPELAGO RESEARCH INSTITUTE, UNIVERSITY OF TURKU FIN 03

SF-20 500 Turku 50, Finland

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany (Basic Sciences), Zoology, Botany and General Biological Oceanography (Marine Biology), Marine Pollution
Graduate Courses:	Zoology, Botany, Geology (Basic Sciences)
Language of Instruction:	Finnish (Swedish, English)
Foreign students accepted with:	Secondary School Diploma, Baccalaureate Degree
Financial aid available to:	Occasional grants are available to citizens and foreign students. No charge is made for the use of laboratory facilities, boats, etc.
Faculty:	Three full-time and five part-time staff teach students and supervise research
Further information:	Mr. E. Leppakoski Director Archipelago Research Institute University of Turku SF-20 500 Turku 50 Finland

INSTITUTE OF MARINE BIOLOGY, UNIVERSITY OF BORDEAUX FRA 01

2 rue du Professeur Jolyet, 33120 Arachon, France

This Institute offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology (Basic Sciences), Fish Biology, Biochemistry, Marine Aquaculture, Ecology, Zoogeography and General Biological Oceanography (Marine Biology), Biochemistry, Physiology, Taxonomy, Ecophysiology of the Estuarine Environment, Marine Pollution, Ecology and General Freshwater Biology (Limnology), Biology of Brackish Water
Graduate Courses:	Zoology (Basic Sciences), Fish Biology, Ecology, Zoogeography and General Biological Oceanography (Marine Biology), Biochemistry, Physiology, Taxonomy, Ecophysiology of the Estuarine Environment, Biology of Brackish Water
Language of Instruction:	French, English
Foreign students accepted with:	Secondary School Diploma, Baccalaureate Degree
Financial aid available to:	University scholarships available for citizens Scholarships through the Centre International des Stages, Paris, for foreign students
Faculty:	Five full-time and three/four part-time staff teach students and supervise research
Further information:	Dr. Pierre Lasserre, Institut Universitaire de Biologie Marine, Station Biologique d'Arachon, 2, rue du Professeur-Jolyet, 33120-Arachon, France

ARAGO LABORATORY FRA 02

66650 Banyuls-sur-Mer, France

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology and Botany (Basic Sciences), Biological and Physical General Oceanography, Plankton, Ecology, Botany and General Biological Oceanography (Marine Biology)
Graduate Courses:	Zoology and Botany (Basic Sciences), Biological General Oceanography, Plankton, Ecology, Botany and General Biological Oceanography (Marine Biology)
Language of Instruction:	French
Foreign students accepted with:	Secondary School Diploma, Baccalaureate Degree
Faculty:	Eight full-time and three part-time staff teach students and supervise research
Further information:	Professeur P. Drach Laboratoire Arago 66650 Banyuls-sur-Mer, France

MARINE BIOLOGY LABORATORY, COLLEGE DE FRANCE FRA 03

Concarneau (Finistère), France

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	None
Graduate Courses:	Marine Biochemistry (Fishery Sciences), Biological General Oceanography, Biochemistry (Biological Oceanography), Marine Pollution, Comparative Biochemistry (Oceanographic Engineering)
Language of Instruction:	French
Faculty:	Five full-time staff teach students and supervise research
Further information:	Mr. Le Gal, Deputy Director, Laboratoire de Biologie Marine, Collège de France, Concarneau (Finistère), France

STATION MARINE D'ENDOUME ET CENTRE D'OCEANOGRAPHIE FRA 04

Rue de la Batterie des Lions, Marseilles 7, France

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, Statistics, Plankton
Graduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics; Biological, Chemical, Physical, Geological and Combined General Oceanography; Plankton, Ecology, Botany, Microbiology, Mycology, Zoogeography, Ichthyology, Biochemistry and General Biological Oceanography (Marine Biology); Tides and Waves, Ocean Circulation, Geophysics, Underwater Acoustics, Air/Sea Interaction and General Physical Oceanography; Geochemistry and General Chemical Oceanography; Marine Sediments and General Geological Oceanography; Marine and Freshwater Pollution
Postgraduate Courses:	Marine Aquaculture, Marine Pollution, Statistics
Language of Instruction:	French
Foreign students accepted with:	Baccalaureate + part of M.Sc.; M.Sc. for postgraduate studies
Financial aid available to:	Scholarships available to foreign students through the Ministry of Foreign Affairs
Faculty:	Twenty-four full-time and 35 part-time staff teach students and supervise research
Further information:	Prof. J.M. Perès, Directeur, Station marine d'Endoume et Centre d'Océanographie, Rue Batterie des Lions, 13007 Marseille, France

INSTITUT OCEANOGRAPHIQUE FRA 05

195 rue St. Jacques, Paris Vè, France

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Biological, Physical and Combined General Oceanography; Plankton, Ecology, Microbiology, Behaviour, Physiology and General Biological Oceanography (Marine Biology); Tides and Waves, Ocean Circulation, Geophysics and General Physical Oceanography; Marine Sediments and General Geological Oceanography; Marine Pollution; Comparative Physiology
Graduate Courses:	Microbiology, Chemistry, Physics, Geology Fish Biology
Language of Instruction:	French
Foreign students accepted with:	Free Admission
Further information:	Institut Oceanographique, 195 rue St. Jacques, Paris Vè, France

LABORATOIRE DE BIOLOGIE MARINE ET DE MALACOLOGIE FRA 06

Ecole pratique des hautes études
55 rue de Buffon, Paris Vè, Paris, France

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Postgraduate Courses:	Ecology of Molluscs Reef and Coral Reef Ecology
Language of Instruction:	French
Foreign students accepted with:	Any degree accepted except those at a general level
Faculty:	Three part-time staff teach students and supervise research
Further information:	Dr. Bernard Salvat, Directeur du laboratoire, Laboratoire de Biologie Marine et de Malacologie 55, rue Buffon, Paris Vè, France

LABORATOIRE DE CRYPTOGAMY, MUSEUM NATIONAL D'HISTOIRE NATURELLE FRA 07

12, rue de Buffon, Paris Vè, France

Postgraduate Courses:	Botany (Algaeology), Phytoplankton, Freshwater Pollution, Phytoplankton (Freshwater Biology), Aquatic Botany (Algaeology), Taxonomy (Algaeology)
Language of Instruction:	French
Foreign students accepted with:	Maitrise (or equivalent)
Faculty:	Four part-time staff teach students and supervise research
Further information:	Prof. Dr. P. Bourrelly, Laboratoire de Cryptogamy, Muséum national d'Histoire naturelle 12, rue de Buffon, Paris Vè, France

STATION BIOLOGIQUE DE ROSCOFF, MINISTERE DE L'EDUCATION FRA 08

Roscoff, Nord-Finistère, France

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	None
Graduate Courses:	Zoology, Botany, (Basic Sciences); Ecology and General Biological Oceanography (Marine Biology)
Language of Instruction:	French
Foreign students accepted with:	Baccalaureate + half degree
Faculty:	Five full-time staff teach students and supervise research
Further information:	M. le Professuer Bergerard, Directeur, Station Biologique de Roscoff, Ministère de l'Education, Roscoff, Nord-Finistère, France

CENTRE DE RECHERCHES GEODYNAMIQUES, UNIVERSITE DE PARIS VI FRA 09

Avenue de Corzent, 74203 Thonon-les-Bains, France

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	General Freshwater Biology (Limnology)
Graduate Courses:	Geology (Basic Sciences); Chemical and Physical General Oceanography; Ocean Circulation; Geochemistry; Marine Sediments; Freshwater Pollution; Hydrogeology, Isotopic and Chemical Water Analysis
Language of Instruction:	French and English
Foreign students accepted with:	Maitrise, or equivalent
Faculty:	Twenty full-time and three part-time staff teach students and supervise research
Further information:	Mr. Philippe Olive, Centre de Recherches Géo-dynamiques, Université de Paris VI, Avenue de Corzent, 74203 Thonon-les-Bains, France

INSTITUT DE BIOLOGIE MARITIME REGIONALE, UNIVERSITE DE LILLE FRA 10

Avenue Foch, Wimereux (Pas de Calais), France

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology and Biochemistry (Basic Sciences)
Graduate Courses:	Plankton, Ecology, Botany and General Biological Oceanography (Marine Biology)
Language of Instruction:	French
Foreign students accepted with:	Baccalaureate, or equivalent
Faculty:	Four full-time and one part-time staff teach students and supervise research
Further information:	Mr. Richard, Sous-Directeur, Institut de Biologie maritime Regionale, B.P. 41, 62930 Wimereux, France

STATION D'HYDROBIOLOGIE LACUSTRE, I.N.R.A. FRA 11

74203 Thonon-les-Bains, France

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	General Freshwater Biology (Limnology)
Graduate Courses:	Freshwater Pollution, Plankton, Ecology, Aquatic Botany, Ichthyology and General Freshwater Biology (Limnology)
Language of Instruction:	French and English
Foreign students accepted with:	Secondary School Diploma
Faculty:	Nine full-time staff teach students and supervise research
Further Information:	Mr. Pierre Laurent, Directeur de la Station, Station d'Hydrobiologie Lacustre, I.N.R.A., 74203 Thonon-les-Bains, France

STATION ZOOLOGIQUE DE VILLEFRANCHE FRA 12

Villefranche-sur-Mer (Alpes-Maritimes), France

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Plankton and General Biological Oceanography (Marine Biology)
Graduate Courses:	Biological General Oceanography; Sampling (Biological Oceanography - Marine Biology); Zoology (Basic Sciences)
Language of Instruction:	French
Faculty:	Five full-time and eight part-time staff teach students and supervise research
Further Information:	S. Dallot, Assistante, Station Zoologique de Villefranche, Villefranche-sur-Mer, France

ECOLE SUPERIEURE AGRONOMIQUE FRA 13

35042 Rennes, France

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Graduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, (Basic Sciences); Plankton, Ecology, Botany and General Biological Oceanography (Marine Biology); Marine Sediments; Marine Pollution
Postgraduate Courses:	Fish Biology, Population Dynamics, Biometrics, (Fishery Sciences); Fisheries Technology (Processing), Fishing Gear and Methods, Fishery Resource Development, Fishery Economics, (Other Fisheries Subjects); Plankton, Ecology,

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Postgraduate Courses: (Contd.) Microbiology, Zoogeography, Ichthyology, Biochemistry, Behaviour, Physiology, Taxonomy, Biometry and General Biological Oceanography (Marine Biology); Tides and Waves, Ocean Circulation, Geophysics and General Physical Oceanography; Geochemistry (Chemical Oceanography); Freshwater Pollution; Plankton, Ecology, Aquatic Botany, Ichthyology, Behaviour, Physiology, Taxonomy, Biometry (Freshwater Biology - Limnology)

Language of Instruction: English, German

Foreign students accepted with: Baccalaureate + part degree

Faculty: Ten full-time and sixteen part-time staff teach students and supervise research

Further Information: Prof. M. Sainclivier
Ecole Superieure Agronomique
35042 Rennes Cedex, France

INSTITUT FUR BINNENFISCHEREI, DEUTSCHE AKADEMIE DER LANDWIRTSCHAFTS-WISSENSCHAFTEN ZU BERLIN DDR 01

Müggelseedamm 310, DDR 1162, Berlin-Friedrichshagen, Germany, Dem. Rep. of

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses: Fish Biology, Management (lakes and ponds, and rivers), Fish Diseases (Fishery Sciences); Fisheries Technology (Processing), Fishery Economics; Ichthyology, Physiology (Freshwater Biology - Limnology)

Graduate Courses: None

Language of Instruction: German

Foreign students accepted with: University entrance to national university
Leaving examination in a fisheries discipline

Further Information: Institut für Binnenfischerei,
Müggelseedamm 310, DDR 1162, Berlin-Friedrichshagen

UNIVERSITAT GREIFSWALD, BIOLOGISCHE FORSCHUNGSANSTALT HIDDENSEE DDR 02

Kloster auf Hiddensee, Germany, Dem. Rep. of

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses: Plant Ecology, Ornithology and General Freshwater Biology (Limnology)

Graduate Courses: None

Language of Instruction: German

Further Information: Biologische Forschungsanstalt Hiddensee
Universität Greifswald, Kloster auf Hiddensee

DDR 03

ZOOLOGISCHE INSTITUT, KARL-MARX UNIVERSITY

Leipzig, Germany, Dem. Rep. of

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	None
Graduate Courses:	Freshwater Pollution, Sanitary Engineering (Pollution); Ecology (Freshwater Biology - Limnology)
Language of Instruction:	German
Foreign students accepted with:	Baccalaureate; Knowledge of German Special instruction possible for foreign students
Further Information:	Zoologische Institut, Karl-Marx University, Leipzig, Germany, Dem. Rep. of

LIMNOLOGISCHES INSTITUT DER UNIVERSITÄT FREIBURG DEU 01

(Walter-Schlienz Institut), 775 Konstanz-Egg, Minaustr. 212, Germany, Fed. Rep. of

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	General Freshwater Biology (Limnology)
Graduate Courses:	Fish Biology, Population Dynamics, Physiology, (Fishery Sciences); Plankton, Aquatic Botany, Ichthyology, Limnochemistry, Microbiology, Running Water and General Freshwater Biology (Limnology)
Language of Instruction:	German. English, but exceptionally
Foreign students accepted with:	Enrolment at University of Freiburg for regular study
Faculty:	Seven full-time staff teach students and supervise research
Further Information:	Prof. Dr. H.J. Elster, Limnologisches Institut der Universität Freiburg, 775 Konstanz-Egg, Minaustr. 212, Germany, Fed. Rep. of

BIOLOGISCHE ANSTALT HELGOLAND DEU 02

(a) Central Laboratory, D-2 Hamburg 50, Palmaille 9, Germany, Fed. Rep. of
(b) Marine Station, 2192 Hegoland, Germany, Fed. Rep. of
(c) Littoral Station, D-2282 List (Sylt), Germany, Fed. Rep. of

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Microbiology (Basic Sciences); Fish Biology; Plankton, Ecology, Botany, Microbiology (Biological Oceanography - Marine Biology)
Graduate Courses:	Zoology, Botany, Microbiology (Basic Sciences)

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BIOLOGISCHE ANSTALT HELGOLAND (contd)

Language of Instruction:	German (and English)
Foreign students accepted with:	Completed undergraduate studies in Zoology and Botany. Major subject: Marine biology or fisheries biology
Further information:	Biologische Anstalt Helgoland, Zentrale, (Central Laboratory), D-2 Hamburg 50, Palmaille 9, Germany, Fed. Rep. of

INSTITUT FUR HYDROBIOLOGIE UND FISCHEREIWISSENSCHAFT DEU 03
UNIVERSITAT HAMBURG

Olbersweg 24, Palmaille 55, Hamburg 50, Germany, Fed. Rep. of

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics (Basic Sciences); Fish Biology, Population Dynamics, Biometrics, Management, Fish Pathology (Fishery Sciences); Fishing Gear and Methods, Fishery Economics; Freshwater and Marine Aquaculture; Physiology, Hydrobiology, and General Biological Oceanography (Marine Biology); General Physical Oceanography; General Chemical Oceanography (lectures); Marine and Freshwater Pollution; Ecology, Ichthyology, Behaviour, Parasitology, Fish Diseases, Aquatic Invertebrates, and General Freshwater Biology (Limnology)
Graduate Courses:	Fish Biology, Population Dynamics, Biometrics, Management, Fish Pathology (Fishery Sciences); Fisheries Technology (Processing), Fishing Gear and Methods, Fishery Resource Development, Fishery Economics, Fishery Law; Marine and Freshwater Aquaculture; General Chemical Oceanography; Marine and Freshwater Pollution; Ecology, Ichthyology, Behaviour, Parasitology, Fish Diseases, Aquatic Invertebrates, and General Freshwater Biology (Limnology)
Language of Instruction:	German
Foreign students accepted with:	Secondary School Diploma; Basic knowledge of German
Faculty:	Six full-time and four part-time staff teach students and supervise research
Further Information:	Prof. Dr. H. Caspers Institut für Hydrobiologie und Fischereiwissenschaft Universität Hamburg Hydrobiologische Abteilung 2 Hamburg 50, Palmaille 55, Germany, Fed. Rep. of

INSTITUT FUR MEERESKUNDE, UNIVERSITAT KIEL DEU 04

Hohenbergstrasse 2, Kiel, Germany, Fed. Rep. of

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Population Dynamics; Marine and Freshwater Aquaculture; Combined General Oceanography; Plankton, Ecology, Botany, Microbiology, Ichthyology, Taxonomy, and General Biological Oceanography (Marine Biology); Tides and Waves, Ocean Circulation, Underwater Acoustics, Air/Sea Interaction, Meteorological Oceanography, and General Physical Oceanography; General Chemical Oceanography; Marine Pollution; Ichthyology (Freshwater Biology - Limnology)
Graduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, (Basic Sciences); Fish Biology, Population Dynamics; Marine and Freshwater Aquaculture; Combined General Oceanography; Plankton, Ecology, Botany, Microbiology, Biochemistry, Physiology, Taxonomy, and General Biological Oceanography (Marine Biology); Tides and Waves, Ocean Circulation, Underwater Acoustics, Air/Sea Interaction, Meteorological Oceanography and General Physical Oceanography; General Chemical Oceanography; Marine Pollution; Ichthyology (Freshwater Biology - Limnology)
Language of Instruction:	German
Foreign students accepted with:	Baccalaureate Degree; Master's Degree
Faculty:	Eighteen full-time and eighteen part-time staff teach students and supervise research
Further information:	-Direktor der Instituts für Meereskunde an der Universität Kiel, 23 Kiel, Diesternbrooker Weg, Germany, Fed. Rep. of -Sekretariat der Christian-Albrechts-Universität, 23 Kiel, Zulassungstelle, Olshausenstr. 40-60, Haus 10, Germany, Fed. Rep. of -Akademisches Auslandsamt (address as before)

UNIVERSITAT MUNCHEN, ZOOLOGISCH-PARASITOLOGISCHE INSTITUT DEU 05

Kaulbachstrasse 37, München 22, Germany, Fed. Rep. of

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology (Basic Sciences); Fish Biology; Freshwater Pollution; Ichthyology, Parasitology, Fish Diseases, Hydrobiology (Freshwater Biology - Limnology)
Graduate Courses:	Fish Biology; Fish Diseases (Freshwater Biology - Limnology)
Language of Instruction:	German
Faculty:	Two full-time and two part-time staff teach students and supervise research
Further Information:	Prof. Dr. H. Reichenback-Klinke, Zool.-paras.Inst. d.Universität, D 8 München 22, Kaulbachstrasse 37, Germany, Fed. Rep. of

UNIVERSITY OF GHANA, DEPARTMENT OF BOTANY GHA 01

Legon, Ghana

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Chemistry, Fish Biology, Microbiology, Plankton, Aquatic Botany, Benthic Organisms, Ecology of Marine Algae
Graduate Courses:	None
Language of Instruction:	English
Faculty:	Two full-time and one part-time staff teach students and supervise research
Further information:	University of Ghana, Department of Botany, Legon, Ghana

CENTRAL INLAND FISHERIES RESEARCH INSTITUTE GOVERNMENT OF INDIA IND 01

Barrackpore (via Calcutta), India

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Fish Biology, Management, (Fishery Sciences); Freshwater Aquaculture; Freshwater Pollution; Parasitology (Freshwater Biology - Limnology)
Graduate Courses:	None
Languages of Instruction:	English and Hindu
Financial aid available to:	Foreign students under different foreign aid programmes. They receive scholarships awarded by the Government of India
Further Information:	Central Inland Fisheries Research Institute, Government of India, Barrackpore (via Calcutta), India

INSTITUTE OF SCIENCE, DEPARTMENT OF ZOOLOGY, MAHARASHTRA STATE GOVERNMENT IND 02

Mayo Road, Fort, Bombay 1, India

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology (Basic Sciences); Fish Biology; General Biological Oceanography (Marine Biology)
Graduate Courses:	None
Financial aid available to:	Fees charged
Further Information:	Institute of Science, Department of Zoology, Maharashtra State Government, Mayo Road, Fort, Bombay 1, India

TARAPOREVALA AQUARIUM AND MARINE BIOLOGICAL RESEARCH STATION IND 03
DEPARTMENT OF FISHERIES

Netaji Subhash Road, Bombay 2, India

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology (Basic Sciences); General Biological Oceanography (Marine Biology); General Freshwater Biology (Limnology)
Graduate Courses:	None
Language of Instruction:	English and Hindu
Foreign students accepted with:	Admission through the Ministry of External Affairs
Further Information:	Taraporevala Aquarium and Marine Biological Research Station, Department of Fisheries, Netaji Subhash Road, Bombay 2, India

ANDHRA UNIVERSITY, DEPARTMENT OF ZOOLOGY IND 04
FIELD MARINE LABORATORY

Waltair, Andhra Pradesh State, India

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Geology (Basic Sciences); Fish Biology; Ecology and General Biological Oceanography (Marine Biology)
Graduate Courses:	None
Further Information:	Andhra University, Department of Zoology, Field Marine Laboratory, Waltair, Andhra Pradesh State, India

The following three institutions all offer an undergraduate course in General Biological Oceanography (Marine Biology):

MARINE BIOLOGICAL STATION, KRUSADAI IND 05

Pamban Post, Rammad District, Madras State, India

ANNAMALAI UNIVERSITY, MARINE BIOLOGICAL STATION IND 06

Porto Novo, Madras State, India

MARINE BIOLOGY LABORATORY IND 07

Trivandrum 7, Kerala State, India

HATACHANA LECHEKER HAMIDGEH-DOR ISR 01

Doar Nah Hof HaCarmel, Israel

This Institution offers occasional course, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Marine and Freshwater Aquaculture; General Freshwater Biology (Limnology)
Graduate Courses:	None
Foreign students accepted with:	Baccalaureate Degree
Further Information:	Director Fish and Aquaculture Station Doz. D.N. Hof HaCarmel, Israel

FISHERIES TECHNOLOGY UNIT, DEPARTMENT OF FISHERIES, MINISTRY OF AGRICULTURE — ISR 02

P.O. Box 699, Haifa, Israel

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Plankton, Botany (Algology), Ichthyology, Benthos, and General Biological Oceanography (Marine Biology)
Graduate Courses:	None
Language of Instruction:	Hebrew and possibly English
Foreign students accepted with:	Baccalaureate Degree (Honours)
Further Information:	Mr. Eli Ezer Grosit, Chief, Fisheries Technology Unit, Department of Fisheries, Ministry of Agriculture, P.O. Box 699, Haifa, Israel

DEPARTMENT OF ZOOLOGY, HEBREW UNIVERSITY-JERUSALEM — ISR 03

Jerusalem, Israel

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology (Basic Sciences); Fish Biology; Chemical and Geological General Oceanography; Plankton, Ecology, Zoogeography, Ichthyology, Phycology, Macrobiology, and General Biological Oceanography (Marine Biology); Ichthyology (Freshwater Biology - Limnology)
Graduate Courses:	Microbiology, Geology (Basic Sciences); Fish Biology, Population Dynamics; Plankton, Microbiology, Ichthyology, (Biological Oceanography - Marine Biology); Tides and Waves, Ocean Circulation, Air/Sea Interaction, and General Physical Oceanography; Geochemistry and General Chemical Oceanography; Marine Sediments, Marine Palaeontology, and General Geological Oceanography; Marine Pollution; Plankton, Physical Limnology, Instrumentation in Limnology, and General Freshwater Biology (Limnology); Biological, Chemical, Physical, Geological and General Oceanography; Fish Diseases (Aquaculture)
Language of Instruction:	Hebrew English for undergraduates (MAMBO Students)
Foreign students accepted with:	Must be accepted by Hebrew University as M.Sc. students in Marine Biology, Microbiology, or Geological Oceanography
Financial aid available to:	Citizens: University stipends of up to Isr.£ 4 000 depending on grades at B.Sc. level
Faculty:	Eight full-time and four part-time staff teach students and supervise research
Further Information:	Professor D. Por, Department of Zoology, Hebrew University-Jerusalem, Jerusalem, Israel

UNIVERSITA DI PERUGIA, ISTITUTO DI IDROBIOLOGIA E PISCICOLTURA ITA 01

Monte del Lago sul Trasimeno, Italy

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology (Basic Sciences); Fish Biology; Marine and Freshwater Pollution; Aquatic Botany, Limnology (Physics and Chemistry), and General Freshwater Biology (Limnology); Biospeleology (Oceanographic Engineering)
Graduate Courses:	None
Language of Instruction:	Italian
Further Information:	Università di Perugia, Istituto di Idrobiologia e Piscicoltura, G.B. Grassi, Monte del Lago sul Trasimeno, Italy

UNIVERSITA DI MESSINA, ISTITUTO DI IDROBIOLOGIA ITA 02

Via del Verdi 75, Messina, Italy

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Fish Culture; Hydrobiology
Graduate Courses:	None
Language of Instruction:	Italian, French, English
Foreign students accepted with:	Students must have a basic preparation and be provided with finance for the trip and boarding
Further Information:	Università di Messina, Istituto di Idrobiologia, Via del Verdi 75, Messina, Italy

MUSEO CIVICO DI STORIA NATURALE "GIACOMO DORIA" ITA 03

Via Brigata Liguria 9, Genova, Italy

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	General Biological Oceanography (Marine Biology)
Graduate Courses:	None
Language of Instruction:	Italian
Further Information:	Museo Civico di Storia Naturale "Giacomo Doria", Via Brigata Liguria 9, Genova, Italy

LABORATORIE DE BIOLOGIE MARINE, UNIVERSITE D'ABIDJAN CIV 01

B.P. 4322, Abidjan, Ivory Coast

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Fishing Gear and Methods, General Oceanography (Biological and Physical), Biological Oceanography (Marine Biology) General, Ichthyology (Marine and Freshwater), Plankton, Fish Conservation, Regulation
Graduate Courses:	None
Language of Instruction:	French
Further information:	Laboratorie de Biologie marine, Université d'Abidjan, B.P. 4322, Abidjan, Ivory Coast

MARINE LABORATORY AT PORT ROYAL, ZOOLOGY DEPARTMENT, UNIVERSITY OF THE WEST INDIES JAM 01

Kingston, Jamaica

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	General Biological Oceanography (Marine Biology)
Graduate Courses:	None
Language of Instruction:	English
Faculty:	Four full-time staff teach students and supervise research
Further Information:	University of the West Indies, P.O. Box 12, Kingston 7, Jamaica, West Indies

MUKAISHIMA MARINE BIOLOGICAL STATION JPN 01

Mukaishima-Cho, Onomichi P.O., Hiroshima-Ken, Japan

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	None
Graduate Courses:	Plankton, Ecology, Ichthyology, Physiology, Experimental Embryology of Sea Urchins, Malacology (Biological Oceanography - Marine Biology)
Language of Instruction:	Japanese
Further Information:	Mukaishima Marine Biological Station Mukaishima-Cho, Onomichi P.O., Hiroshima-Ken, Japan

MARINE BIOLOGICAL LABORATORY, FACULTY OF SCIENCE, UNIVERSITY OF NIIGATA — JPN 02

Aikawa, Sado Island, Niigate Prefecture, Japan

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology (Basic Sciences); Fish Biology; Biological Oceanography; Plankton, Zoogeography, Ichthyology, Taxonomy (Biological Oceanography - Marine Biology)
Graduate Courses:	None
Language of Instruction:	Japanese
Further Information:	Marine Biological Laboratory, Faculty of Science, University of Niigata, Aikawa, Sado Island, Niigate Prefecture, Japan

KUMAMOTO UNIVERSITY, AIZU MARINE BIOLOGICAL STATION — JPN 03

Aizu Matsushima-cho, Amakusa-gun, Kumamoto Prefecture, Japan

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Plankton, Ecology, Developmental and Experimental Embryology of Sea Urchins and Oysters, (Biological Oceanography - Marine Biology)
Graduate Courses:	None
Language of Instruction:	Japanese
Further Information:	Kumamoto University, Aizu Marine Biological Station, Aizu Matsushima-cho, Amakusa-gun, Kumamoto Prefecture, Japan

AKKESHI MARINE BIOLOGICAL STATION, HOKKAIDO UNIVERSITY — JPN 04

Akkeshi, Hokkaido, Japan

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Physiology, Marine Invertebrate Zoology, Ornithology (Biological Oceanography - Marine Biology)
Graduate Courses:	None
Language of Instruction:	Japanese
Further Information:	Akkeshi Marine Biological Station, Hokkaido University, Akkeshi, Hokkaido, Japan

MARINE BIOLOGICAL EXPERIMENTAL STATION, FACULTY OF SCIENCE UNIVERSITY OF TOHOKU — JPN 05

Asamushi, Aomori Prefecture, Japan

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology (Basic Sciences); Zoophysiology, Embryology (Biological Oceanography - Marine Biology)
Graduate Courses:	None
Language of Instruction:	Japanese
Further Information:	Marine Biological Experimental Station, Faculty of Science, University of Tohoku, Asamushi, Aomori Prefecture, Japan

KOMINATO MARINE BIOLOGICAL STATION, TOKYO UNIVERSITY OF FISHERIES — JPN 06

No. 1, Uchi-ura, Awa-Kominato, Chiba Prefecture, Japan

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Fish Biology; Ichthyology, Embryology, Algology, (Biological Oceanography (Marine Biology))
Graduate Courses:	None
Language of Instruction:	Japanese
Further Information:	Kominato Marine Biological Station, Tokyo University of Fisheries, No. 1, Uchi-ura, Awa-Kominato, Chiba Prefecture, Japan

FISHERIES LABORATORY, FACULTY OF FISHERIES
UNIVERSITY OF KYUSHU

JPN 07

Hakozaki-machi, Fukuoka, Japan

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Fish Biology, Biometrics; Fishing Gear and Methods, Fishery Resource Development, Fishery Economics, Fishery Law; Marine and Freshwater Aquaculture; Biological and Chemical General Oceanography; Ecology, Botany, Microbiology, Biochemistry, Behaviour, Physiology, Taxonomy, Biometry, and General Biological Oceanography (Marine Biology); Meteorological Oceanography; Freshwater Pollution; Plankton, Ecology, Aquatic Botany, Ichthyology, Biochemistry, Behaviour, Physiology, Taxonomy, Biometry, and Freshwater Biology (Limnology)
Graduate Courses:	Fish Biology; Fisheries Technology (Processing), Fishery Resource Development; Marine and Freshwater Aquaculture; Biological, Chemical, and Combined General Oceanography; Plankton, Ecology, Botany, Microbiology, Ichthyology, Biochemistry, Behaviour, Physiology, and General Biological Oceanography (Marine Biology); Marine and Freshwater Pollution; Plankton, Ecology, Aquatic Botany, Ichthyology, Biochemistry, Behaviour, Physiology and General Freshwater Biology (Limnology)
Foreign students accepted with:	Baccalaureate Degree
Faculty:	Eighteen full-time and ten part-time staff teach students and supervise research
Further Information:	Professor S. Ishio Director of Department of Fisheries Faculty of Agriculture, Kyushu University Hakozaki-machi, Fukuoka, Japan

KISO BIOLOGICAL STATION, KYOTO UNIVERSITY

JPN 08

Chigono, Fukushima-machi, Nagano Prefecture, Japan

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	None
Graduate Courses:	Ecology, Mountain Biology, (Freshwater Biology - Limnology)
Language of Instruction:	Japanese and English
Further Information:	Kiso Biological Station Kyoto University Chigono, Fukushima-machi Nagano Prefecture Japan

FACULTY OF FISHERIES, NAGASAKI UNIVERSITY JPN 09

1-14 Bunkyo-machi, Nagasaki 852, Nagasaki Prefecture, Japan

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Microbiology, (Basic Sciences); Fish Biology, Population Dynamics; Fisheries Technology (Processing), Fishing Gear and Methods, Fishery Economics; Marine Aquaculture; Plankton, Ecology, Microbiology, Mycology, Ichthyology, Biochemistry, Physiology, Taxonomy, Embryology, Phycology, (Biological Oceanography - Marine Biology); Underwater Acoustics; Marine Pollution; Ichthyology, Parasitology (Freshwater Biology - Limnology)
Graduate Courses:	Zoology, Microbiology, (Basic Sciences); Fish Biology, Population Dynamics; Fishing Gear and Methods, Fishery Economics; Marine Aquaculture; Plankton, Ecology, Microbiology, Mycology, Ichthyology, Biochemistry, Physiology, Taxonomy, Embryology, (Biological Oceanography - Marine Biology); Underwater Acoustics; Marine Pollution; Ichthyology, Parasitology, (Freshwater Biology - Limnology)
Language of Instruction:	Japanese
Foreign students accepted with:	Baccalaureate Degree, Master's Degree
Further Information:	Dr. Masato Yasuda, Dean of the Faculty of Fisheries, Nagasaki University, 1-14 Bunkyo-machi, Nagasaki 852, Nagasaki Prefecture, Japan

FISHERIES LABORATORY, FACULTY OF AGRICULTURE, NAGOYA UNIVERSITY JPN 10

Furo-cho, Chikusa-ku, Nagoya-city, Japan

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Fish Biology; Ecology, Physiology, (Biological Oceanography - Marine Biology)
Graduate Courses:	None
Language of Instruction:	Japanese
Further Information:	Fisheries Laboratory, Faculty of Agriculture, Nagoya University, Furo-cho, Chikusa-ku, Nagoya-city, Japan

OTSU HYDROBIOLOGICAL STATION, KYOTO UNIVERSITY JPN 11

Otsu-shi, Shiga-ken, Japan

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	None
Graduate Courses:	Plankton, Ecology, Physiology, Algology, (Biological Oceanography - Marine Biology); Plankton, Ecology, Aquatic Botany, Paleolimnology, and General Freshwater Biology (Limnology)
Language of Instruction:	Japanese and English
Faculty:	Five full-time staff teach students and supervise research
Further Information:	Otsu Hydrobiological Station, Kyoto University, Otsu-shi, Shiga-ken, Japan

AMAKUSA MARINE BIOLOGICAL LABORATORY, KYUSHU UNIVERSITY JPN 12

Tomioka, Reihoku-cho, Amakusa gun, Kumamoto Prefecture, Japan

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology (Basic Sciences); Biological General Oceanography; Plankton, Ecology, Marine Invertebrate Zoology, Algology, Embryology of Marine Animals, and General Biological Oceanography (Marine Biology); Marine and Freshwater Pollution; Aquatic Botany (Freshwater Biology - Limnology)
Graduate Courses:	Zoology (Basic Sciences) Ecology (Freshwater Biology - Limnology)
Language of Instruction:	Japanese, English
Faculty:	Three full-time and one part-time staff teach students and supervise research
Further Information:	Professor Taiji Kikuchi, Director, Amakusa Marine Biological Laboratory, Kyushu University, Tomioka, Reihoku-cho, Amakusa gun, Kumamoto Prefecture, Japan

TAMANO MARINE LABORATORY JPN 13

Shibukawa, Tamano, Okayama Prefecture, Japan

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	None
Graduate Courses:	Plankton, Ecology, Taxonomy, Biometry, Marine Invertebrate Zoology, (Biological Oceanography - Marine Biology)
Language of Instruction:	Japanese
Further Information:	Tamano Marine Laboratory, Shibukawa, Tamano, Okayama Prefecture, Japan

TOKYO UNIVERSITY OF FISHERIES JPN 14

Konan 4-5-7, Minatoku, Tokyo, Japan

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, (Basic Sciences); Fish Biology, Population Dynamics, Management, (Fishery Sciences); Fisheries Technology (Processing), Fishing Gear and Methods, Fishery Resource Development, Fishery Economics, Fishery Law; Marine and Freshwater Aquaculture, Culture of Marine Plants; Ecology, Botany, Physiology, Zoology, (Biological Oceanography - Marine Biology); Histology, Embryology, Fish Nutrition, Fish Diseases, Genetics, (Freshwater Biology - Limnology)
Graduate Courses:	Fish Biology, Population Dynamics, Management, (Fishery Sciences); Fisheries Technology (Processing), Fishing Gear and Methods, Fishery Resource Development, Fishery Economics
Language of Instruction:	Japanese
Foreign students accepted with:	Secondary School Diploma, Baccalaureate Degree
Financial aid available to:	For citizens through the Japan Scholarship Society, and for foreign students through the Japanese Government Scholarships scheme
Faculty:	134 full-time and 20 part-time staff teach students and supervise research
Further Information:	Student Section, Tokyo University of Fisheries, Konan 4-5-7, Minatoku, Tokyo, Japan.

FACULTY OF FISHERIES, UNIVERSITY OF KAGOSHIMA JPN 15

470 Shimo-arato-cho, Kagoshima, Japan

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Aquatic Zoology, Aquatic Botany, (Basic Sciences); Fish Biology; Combined General Oceanography; Plankton, Ecology, Botany, Ichthyology, Physiology, Embryology of Aquatic Animals, (Biological Oceanography - Marine Biology)
Graduate Courses:	None
Language of Instruction:	Japanese
Further Information:	Faculty of Fisheries University of Kagoshima 470 Shimo-arato-cho, Kagoshima Japan

FACULTY OF FISHERIES AND ZOOTECHNOLOGY
UNIVERSITY OF HIROSHIMA

JPN 16

Daimon-cho, Fukuyama, Hiroshima Prefecture, Japan

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Aquatic Zoology, Aquatic Botany, Microbiology, (Basic Sciences); Population Dynamics; Fisheries Technology (Processing), Food Sanitation; Marine and Freshwater Aquaculture; Combined General Oceanography; Plankton, Ecology, Botany, Ichthyology, Physiology, Animal Histology, Animal Embryology, Embryology of Algae, (Biological Oceanography - Marine Biology); Biochemistry, General Freshwater Biology (Limnology)
Graduate Courses:	None
Language of Instruction:	Japanese
Further Information:	Faculty of Fisheries and Zootechnology, University of Hiroshima, Daimon-cho, Fukuyama, Hiroshima Prefecture, Japan

MISAKI MARINE BIOLOGICAL INSTITUTE, FACULTY OF FISHERIES,
DEPARTMENT OF AGRICULTURE, UNIVERSITY OF KYOTO

JPN 17

Nagahama, Maizuru, Japan

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, (Basic Sciences); Marine Aquaculture; Plankton, Ecology, Ichthyology, Physiology, (Biological Oceanography - Marine Biology)
Graduate Courses:	None
Language of Instruction:	Japanese
Further Information:	Misaki Marine Biological Institute, Faculty of Fisheries, Department of Agriculture, University of Kyoto, Nagahama, Maizuru, Japan

MANAZURU NATURAL SCIENTIFIC INSTITUTE, NATIONAL YOKOHAMA UNIVERSITY

JPN 18

Iwa, Manazuru-machi, Kangawa Prefecture, Japan

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	General Biological Oceanography (Marine Biology)
Graduate Courses:	None
Language of Instruction:	Japanese
Further Information:	Manazuru Natural Scientific Institute National Yokohama University Iwa, Manazuru-machi, Kangawa Prefecture Japan

MISAKI MARINE BIOLOGICAL INSTITUTE, DEPARTMENT OF SCIENCE, UNIVERSITY OF TOKYO — JPN 19

Misaki, Kanagawa Prefecture, Japan

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Physiological Chemistry, (Basic Sciences); Physiology, Embryology, (Biological Oceanography - Marine Biology)
Graduate Courses:	None
Language of Instruction:	Japanese
Further Information:	Misaki Marine Biological Institute, Department of Science, University of Tokyo Misaki, Kanagawa Prefecture, Japan

FACULTY OF FISHERIES, DEPARTMENT OF AGRICULTURE, UNIVERSITY OF TOHOKU — JPN 20

Onagawa Suisan Jikkensho, Japan

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Fish Biology, Population Dynamics; Fisheries Technology (Processing); Marine and Freshwater Aquaculture; Biochemistry, Physiology, and General Biological Oceanography (Marine Biology)
Graduate Courses:	None
Language of Instruction:	Japanese
Further Information:	Faculty of Fisheries, Department of Agriculture, University of Tohoku, Onagawa Suisan Jikkensho, Japan

SUGASHIMA MARINE BIOLOGICAL INSTITUTE, UNIVERSITY OF NOGOYA — JPN 21

Sugashima, Toba-shi, Mie Prefecture, Japan

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	General Marine Invertebrate Zoology, Embryology of Marine Animals, (Biological Oceanography - Marine Biology)
Graduate Courses:	None
Language of Instruction:	Japanese
Further Information:	Sugashima Marine Biological Institute University of Nogoya Sugashima, Toba-shi, Mie Prefecture Japan

SETO MARINE BIOLOGICAL INSTITUTE, UNIVERSITY OF KYOTO JPN 22

Seto 3-chome, Shirahama, Wakayama Prefecture, Japan

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, (Basic Sciences); Plankton, Ecology, Physiology, Algology, Invertebrate Anatomy, and General Biological Oceanography (Marine Biology);
Graduate Courses:	Zoology, Botany, (Basic Sciences); Plankton, Ecology, Zoogeography, Ichthyology, Taxonomy, Algology, Invertebrate Anatomy, and General Biological Oceanography (Marine Biology)
Language of Instruction:	Japanese
Foreign students accepted with:	Baccalaureate Degree
Financial aid available to:	Ministry of Education grant to foreign students (Limited to students from certain countries)
Faculty:	Six full-time and three part-time staff teach students and supervise research
Further Information:	Professor Takasi Tokioka Seto Marine Biological Laboratory University of Kyoto, Seto 3-chome, Wakayama Prefecture, Japan

FACULTY OF FISHERIES, MIE PREFECTURAL UNIVERSITY JPN 23

11 Otanicho, Tsu, Mie Prefecture, Japan

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	None
Graduate Courses:	Zoology, Microbiology, (Basic Sciences); Population Dynamics; Pearl Oyster Culture (Aquaculture); Combined General Oceanography; Plankton, Ecology, Ichthyology, Physiology, Animal Embryology, Fish Pathology, Animal Histology, and General Biological Oceanography (Marine Biology)
Language of Instruction:	Japanese
Foreign students are accepted with:	A knowledge of Japanese An entrance examination will be applied
Further Information:	Faculty of Fisheries Mie Prefectural University 11 Otanicho, Tsu Mie Prefecture, Japan

HOKKAIDO REGIONAL FISHERIES RESEARCH LABORATORY JPN 24

Hamanaka, Yoichi, Hokkaido, Japan

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Fish Biology, Population Dynamics; Marine Aquaculture; Biological, Chemical, and Physical General Oceanography; Plankton, Ecology, Botany, Hydrography, and General Biological Oceanography (Marine Biology); General Physical Oceanography; General Chemical Oceanography; Marine Pollution
Graduate Courses:	None
Language of Instruction:	Japanese
Further Information:	Mr. Shigeshi Komaki, Chief of Library Committee Hokkaido Regional Fisheries Research Laboratory Hamanaka, Yoichi, Hokkaido, Japan

TOKAI REGIONAL FISHERIES RESEARCH LABORATORY JPN 25

Katidoki 5-5-1, Tyuoku, Japan

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	None
Graduate Courses:	Fish Biology, Population Dynamics, Biometrics, Management, (Fishery Sciences); Fisheries Technology (Processing), Fishing Gear and Methods; Marine Aquaculture; Chemical and Physical General Oceanography; General Biological Oceanography (Marine Biology); General Physical Oceanography; General Chemical Oceanography; Marine and Freshwater Pollution
Language of Instruction:	Japanese
Foreign students accepted with:	With more than 4 years experience in research, after graduation from a university science course. Baccalaureate Degree
Faculty:	A number of part-time staff, depending on number of trainees, teach students and supervise research
Further Information:	Tokai Regional Fisheries Research Laboratory Katidoki 5-5-1, Tyuoku Japan

SHIMODA MARINE BIOLOGICAL INSTITUTE
TOKYO UNIVERSITY OF FISHERIES

JPN 26

Shimoda 5-10-1, Shizouka Prefecture, Japan

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Geology, (Basic Sciences); Plankton, Botany, Physiology, Algology, Invertebrate Zoology, and General Biological Oceanography (Marine Biology)
Graduate Courses:	Zoology, Botany, Geology, (Basic Sciences); Botany, Physiology, (Biological Oceanograpy - Marine Biology
Language of Instruction:	Japanese, English
Faculty:	Three full-time staff teach students and supervise research
Further Information:	Professor Hiroshi Watanabe, Director, Shimoda Marine Biological Institute Tokyo University of Fisheries Shimoda 5-10-1, Shizouka Prefecture, Japan

SHIRIKISHINAI MARINE BIOLOGICAL INSTITUTE
HOKKAIDO UNIVERSITY OF EDUCATION

JPN 27

Toyoura, Shirikishinai, Kameda-gun, Hokkaido, Japan

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Plankton, Botany, (Biological Oceanography - Marine Biology)
Graduate Courses:	None
Language of Instruction:	Japanese
Further Information:	Shirikishinai Marine Biological Institute Hokkaido University of Education Toyoura, Shirikishinai, Kameda-gun, Hokkaido, Japan

BUSAN FISHERIES COLLEGE KOR 01

599-1 Daeyeondong, Busan, Republic of Korea

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related programmes as follows:

Undergraduate Courses: Zoology, Botany, Microbiology, Chemistry, Physics, Mathematics, (Basic Sciences); Fish Biology, Population Dynamics, Biometrics, Management, (Fishery Sciences); Fisheries Technology (Processing), Fishing Gear and Methods, Fishery Resource Development, Fishery Economics, Fishery Law; Marine and Freshwater Aquaculture; Biological, Chemical, Physical, and Combined General Oceanography; Plankton, Botany, Ichthyology, Taxonomy, and General Biological Oceanography (Marine Biology); Underwater Acoustics, Meteorological Oceanography, and General Physical Oceanography; General Chemical Oceanography; Ichthyology, Parasitology, Culture and Management, Mariculture and Management, and General Freshwater Biology (Limnology)

Graduate Courses: Zoology, Botany, Microbiology, Chemistry, Physics, (Basic Sciences); Fish Biology, Population Dynamics, Management, (Fishery Sciences); Fisheries Technology (Processing), Fishing Gear and Methods, Fishery Economics; Marine and Freshwater Aquaculture; Biological, Physical, and Combined General Oceanography; Ecology, Ichthyology, and General Biological Oceanography (Marine Biology); Tides and Waves, Ocean Circulation, Underwater Acoustics; Marine and Freshwater Pollution; Ecology, Ichthyology, Physiology, Parasitology, Culture and Management, Mariculture and Management, (Freshwater Biology - Limnology)

Language of Instruction: Korean, some English

Foreign students accepted with: Baccalaureate Degree

Faculty: Thirty full-time and five part-time staff teach students and supervise research

Further Information: Dean, Office of Academic Affairs
Busan Fisheries College
599-1 Daeyeondong, Busan, Republic of Korea

HAEWUNDAE MARINE LABORATORY KOR 02

Haewundae, Busan, Republic of Korea

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, (Basic Sciences); Fish Biology, Population Dynamics; Marine Aquaculture; Biological, Chemical, and Combined General Oceanography; Plankton, Ecology, Botany, Zoogeography, Ichthyology, Physiology, Taxonomy, (Biological Oceanography - Marine Biology); General Chemical Oceanography; Marine and Freshwater Pollution; Plankton, Ecology, Ichthyology, Physiology, Taxonomy, Embryology, and General Freshwater Biology (Limnology)
Graduate Courses:	Zoology, Botany, (Basic Sciences); Fish Biology; Marine Aquaculture; Biological General Oceanography; Plankton, Ecology, Botany, Ichthyology, Physiology, Taxonomy, and General Biological Oceanography - Marine Biology; Marine and Freshwater Pollution; Ecology, Ichthyology, Physiology, Taxonomy, Embryology, and General Freshwater Biology - Limnology
Language of Instruction:	Korean
Foreign students accepted with:	Baccalaureate Degree
Faculty:	Four full-time and six part-time staff teach students and supervise research
Further Information:	Director Marine Laboratory Busan Fisheries College Haewundae, Busan Republic of Korea

TROPICAL FISH CULTURE RESEARCH INSTITUTE MYS 01

Malacca, Malaysia

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses: Zoology, Chemistry, (Basic Sciences); Freshwater Aquaculture; Phytoplankton, Biochemistry, Parasitology, Fish Pond Biology, and General Freshwater Biology (Limnology)

Graduate Courses: None

Language of Instruction: English

Further Information: Tropical Fish Culture Research Institute
Batu Berendam, Malacca, Malaysia

DEPARTMENT OF MARINE SCIENCES, UNIVERSITY OF BAJA CALIFORNIA MEX 01

Baja California, Mexico

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses: Geology (Basic Sciences); General and Chemical Oceanography; General Biological Oceanography (Marine Biology); Fishery Law (Maritime); Meteorological Oceanography (Physical Oceanography); Marine Sediments (Geological Oceanography)

Graduate Courses: None

Language of Instruction: Spanish, but when courses are given by Professors from USA, the courses are given in English

Foreign students accepted with: Must meet entrance requirements; be proficient in Spanish; be acceptable to Mexican Authority

Further Information: Universidad Autonoma de Baja California, Escuela Superior de Ciencias Marinas, Apartado Postal 453, Baja California, Mexico

MARINE BIOLOGY STATION, INSTITUTE OF TECHNOLOGY, VERACRUZ MEX 02

Veracruz, Mexico

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses: Economical Zoology, (Basic Sciences); Fish Biology; Fisheries Technology (Food), Fishing Gear and Methods, Sanitation;

Graduate Courses: None

Language of Instruction: Spanish, occasionally English

Further Information: Marine Biology Station, Institute of Technology, Bulevar Manuel Avila Camacho y Muro Sur, Veracruz, Mexico

SCIENTIFIC INSTITUTE, CHERIFIEN MAR 01

Avenue Biarnay, Rabat, Morocco

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses: General Biological Oceanography (Marine Biology)
General Freshwater Biology (Limnology)

Graduate Courses: None

Language of Instruction: Arabic and French

Further Information: Institut Scientifique Chérifien
Avenue Biarnay, Rabat, Morocco

NETHERLANDS INSTITUTE FOR SEA RESEARCH NLD 01

Texel, The Netherlands

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses: Chemical and Physical (Hydrographical) General Oceanography

Graduate Courses: None

Summer Courses: Ecology, Botany, Microbiology, Mycology, Zoo-geography, Ichthyology, Biochemistry, Behaviour, Physiology, (all one course), (Biological Oceano-graphy (Marine Biology)

Language of Instruction: Dutch

Faculty: Thirty part-time staff teach students and supervise research

Further Information: Mr. J.W. de Blok
Netherlands Institute for Sea Research
P.O. Box 59
Texel
The Netherlands

EDWARD PERCIVAL MARINE LABORATORY, ZOOLOGY DEPARTMENT
UNIVERSITY OF CANTERBURY — NZL 01

Christchurch, New Zealand

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology (Basic Sciences) Ecology and General Biological Oceanography (Marine Biology
Graduate Courses:	None
Language of Instruction:	English
Foreign students accepted with:	Secondary School Diploma
Faculty:	One full-time and six part-time staff teach students and supervise research
Further Information:	Edward Percival Marine Laboratory, Zoology Department, University of Canterbury, Christchurch, New Zealand

INSTITUTE OF MARINE RESEARCH — NOR 01

Bergen, Norway

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Marine Aquaculture
Graduate Courses:	Fish Biology
Language of Instruction:	Norwegian and English
Foreign students accepted with:	By special arrangement
Faculty:	Three part-time staff teach students and supervise research
Further Information:	The Director Institute of Marine Research P.O. Box 2905 5011 Bergen - Nordnes Norway

INSTITUTE FOR MARINE BIOLOGY AND LIMNOLOGY
UNIVERSITY OF OSLO

NOR 02

Oslo, Norway

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Ecology, Sediments, Geomorphology, Landlocked Waters, and General Freshwater Biology (Limnology)
Graduate Courses:	Phytoplankton, Marine Benthonic Algae, (Biological Oceanography (Marine Biology)
Language of Instruction:	Norwegian (English when required) Participation in short courses does not necessarily require a knowledge of Norwegian
Faculty:	Five full-time staff teach students and supervise research
Further Information:	Professor E. Paasche Universitetet i Oslo Institutt for Marinbiologi og Limnologi Avd. Marin Botanik, P.B. 1069 Blindern, Oslo 3, Norway

BIOLOGICAL STATION, UNIVERSITY OF BERGEN

NOR 03

Blomsterdalen, Norway

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Botany, Zoogeography, Zoology, (Biological Oceanography - Marine Biology)
Graduate Courses:	General Biological Oceanography (Marine Biology)
Special Courses:	Nordic special courses with topics varying from year to year, e.g., marine biological instruments and methods, shore ecology, fishery biology
Language of Instruction:	Norwegian, Swedish, and occasionally other languages
Foreign students accepted with:	If able to follow the instruction, foreign students can be accepted if space available. (Nordic courses are for students from the Nordic countries only)
Financial aid available to:	For citizens - governmental student loans For foreign students - Nordic fellowships (for citizens of Denmark, Finland and Sweden) Norad fellowships (for citizens of developing countries) Research council fellowships (usually for research in connection with approved projects)
Faculty:	Nine full-time staff teach students and supervise research
Further Information:	Biological Station, University of Bergen Espegrend, Blomsterdalen, Norway

UNIVERSITY BIOLOGICAL STATION NOR 04

Droebak, Norway

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, (Basic Sciences); Phytoplankton, Algae, General Marine Invertebrate and Vertebrate Biology, and General Biological Oceanography (Marine Biology)
Graduate Courses:	Zoology, Botany, (Basic Sciences)
Language of Instruction:	Norwegian
Further Information:	Mr. Finn Walvig, Director, University Biological Station, 2 Biologveien, Droebak, Norway

INSTITUTE FOR MARINE BIOLOGY, SECTION A AND C, UNIVERSITY OF OSLO NOR 05

Oslo, Norway

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Fish Biology (Fishery Sciences); Zooplankton, Ecology, Microbiology (Biological Oceanography - Marine Biology); General Chemical Oceanography; Marine Pollution
Graduate Courses:	None
Language of Instruction:	Norwegian
Further Information:	Institute for Marine Biology, Section A and C, University of Oslo, Frederiksgt. 3/Oslo 1, Norway

UNIVERSITY OF TROMSØ NOR 06

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, (Basic Sciences); Fish Biology, Population Dynamics, Management, (Fishery Sciences); Fisheries Technology (Processing), Fishing Gear and Methods, Fishery Economics, Fishery Law, Sociology; Marine Aquaculture; Biological and Combined General Oceanography; Ecology, Botany, Ichthyology, Biochemistry, and General Biological Oceanography (Marine Biology); General Physical Oceanography; General Freshwater Biology (Limnology)

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UNIVERSITY OF TROMSØ (contd) NOR 06

Graduate Courses:	Zoology, Microbiology, (Basic Sciences); Biological General Oceanography; General Biological Oceanography (Marine Biology)
Language of Instruction:	Norwegian
Financial aid available to:	For citizens - governmental student loans
Faculty:	Ten full-time staff teach students and supervise research
Further Information:	Mr. Handegard, ODD, Secretary, University of Tromsø, 5001 Tromsø, Norway

COLLEGE OF FISHERIES, FACULTY OF FISHERIES, AGRARIAN UNIVERSITY PER 01

Lima, Peru

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Management, (Basic Sciences); Fish Biology, Population Dynamics, Management, (Fishery Sciences); Fisheries Technology (Processing), Fishing Gear and Methods, Fishery Resource Development, Fishery Economics; Freshwater Aquaculture; Biological and Physical General Oceanography; Ichthyology, Taxonomy, and General Biological Oceanography (Marine Biology); General Physical Oceanography, Meteorological Oceanography; General Chemical Oceanography; General Geological Oceanography; Ecology, Ichthyology, Physiology, Fish Pathology (Ichthiopathology) and General Freshwater Biology (Limnology)
Graduate Courses:	None
Language of Instruction:	Spanish
Foreign students accepted with:	Credentials from High School. Fluency in Spanish
Faculty:	Twenty-two full-time and two part-time staff teach students and supervise research
Further Information:	Dean, Facultad de Pesquería Universidad Nacional Agraria Apartado 456 Lima, Peru

DEPARTMENT OF MARINE FISHERIES, UNIVERSITY OF THE PHILIPPINES COLLEGE OF FISHERIES — PHI 01

Quezon City, Philippines

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, Mathematics, (Basic Sciences); Biometrics, Management, (Fishery Sciences); Fisheries Technology Processing), Fishing Gear and Methods, Fishery Law, Refrigeration, Fishery Product Development; Freshwater Aquaculture; Meteorology, and Combined General Oceanography; Ecology, Ichthyology, and General Biological Oceanography (Marine Biology); Ecology , Fish Parasitology, Phycology, Morphometry (Lakes),(Freshwater Biology - Limnology)
Graduate Courses:	None
Language of Instruction:	English
Foreign students accepted with:	Baccalaureate Degree; Diploma (3 years) in Fisheries
Faculty:	Twenty full-time and one part-time staff teach students and supervise research
Further Information:	Dean College of Fisheries University of the Philippines Diliman 505 Quezon City Philippines

COLLEGE OF FISHERIES, MINDANAO STATE UNIVERSITY — PHI 02

Marawi City, Philippines

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Management, (Fishery Sciences) Financing and Credit
Graduate Courses:	None
Language of Instruction:	Philipino, English, Spanish
Foreign students accepted with:	Certificate from a Fisheries High School Pass an entrance examination
Further Information:	College of Fisheries, Mindanao State University, Marawi City, Philippines

DEPARTMENT OF INLAND FISHERIES, COLLEGE OF FISHERIES, UNIVERSITY OF THE PHILIPPINES — PHI 03

Quezon City, Philippines

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Microbiology, Chemistry, (Basic Sciences); Management, (Fishery Sciences); Fisheries Technology (Processing), Fishing Gear and Methods, Fishery Law; Brackish and Freshwater Aquaculture; Tides and Waves, and General Physical Oceanography; General Chemical Oceanography; Ecology, Ichthyology, Physiology, Parasitology (Fish Diseases), Reproduction and Early Life History of Fishes, Morphometry, Limnology, Phycology, Inland Fisheries Management, and General Freshwater Biology (Limnology)
Graduate Courses:	None
Language of Instruction:	English
Foreign students accepted with:	Graduates of recognized institutions by the University of the Philippines
Further Information:	Department of Inland Fisheries College of Fisheries University of the Philippines Diliman, Quezon City, Philippines

FACULTY OF WATER CONSERVATION AND FRESHWATER FISHERY
ACADEMY OF AGRICULTURE AND TECHNOLOGY — POL 01

Olsztyn-Kortowo, Poland

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, Mathematics, (Basic Sciences); Fish Biology, Population Dynamics, Biometrics, Management, (Fishery Sciences); Fisheries Technology (Processing), Fishing Gear and Methods, Fishery Economics, Fishery Law; Freshwater Aquaculture; Combined General Oceanography; Ichthyology, (Biological Oceanography - Marine Biology); Freshwater Pollution; Plankton, Ecology, Aquatic Botany, Ichthyology, Biomchemistry, Behaviour, Physiology, Taxonomy, Biometry, Parasitology, and General Freshwater Biology (Limnology)
Graduate Courses:	Fish Biology, Population Dynamics, Biometrics, Management, (Fishery Sciences); Fishery Economics, Fishery Law; Freshwater Aquaculture; Freshwater Pollution
Language of Instruction:	Polish
Foreign students accepted with:	Secondary School Diploma Candidates must be nominated by their governments and application sent to the Ministry of Science, Higher Education and Technology, Warsaw
Faculty:	Eighty-nine full-time and four part-time staff teach students and supervise research
Further Information:	Prof. Dr. Tadeusz Krzymowski Rector of Academy Faculty of Water Conservation and Freshwater Fishery Academy of Agriculture and Technology Olsztyn, Kortowo, Poland

BIOLOGICAL STATION, UNIVERSITY OF GDANSK — POL 02

Gdańsk-Górki Wschodnie, Poland

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, (Basic Sciences); Biochemistry, Physiology, Botany (Algae), Invertebrates, (Biological Oceanography - Marine Biology); Marine and Freshwater Pollution; Endocrinology; Fish Biology
Graduate Courses:	None
Language of Instruction:	Polish, English, Russian
Foreign students accepted with:	Baccalaureate Degree
Faculty:	Three full-time and ten part-time staff teach students and supervise research
Further Information:	Dr. K. Turoboyski Biological Station, University of Gdańsk 83-010 Gdańsk-Górki Wschodnie Poland

MARINE ENGINEERING COLLEGE POL 03

Szczecin, Poland

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Chemistry, Physics, Mathematics, (Basic Sciences); Fisheries Technology (Processing), Fishery Economics, Fishery Law; Ichthyology, and General Biological Oceanography (Marine Biology); Underwater Acoustics, Meteorological Oceanography, (Physical Oceanography)
Graduate Courses:	None
Additional Courses:	Sea Trade Economy, Principle of Political Sciences, Marine and Tropical Hygiene, Geometry and Technical Drawing, Basis of Engine Construction, Electrotechniques, Electronic Aids, Navigation, Astronavigation, Ship Construction Principles, Ship Stability and Construction, Fishery Navigation, Exploitation of Fishing Vessels
Language of Instruction:	Polish
Financial aid available to:	To foreign students on application to the Polish Foreign Ministry. Students should be between 18 and 25 years old and application should be made before 30 May
Further Information:	Marine Engineering College Waly Chrobrego 1, Szczecin, Poland

COLLEGE OF NAVIGATION POL 04

Gdynia, Poland

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Microbiology, Chemistry, Physics, Mathematics, (Basic Sciences); Meteorological Oceanography
Graduate Courses:	None
Additional Courses:	Shipbuilding, Selected Problems of Pharmacology, Mechanical Construction, Technology of Materials, Strength of Materials, Electronics, Digital Technology, Electrical Engineering, Thermal Engineering, Electronical and Electrical Surveying, Electronavigation, Mechanics of Liquids, Theory of Heat Engines, Astronavigation and Navigation, Shipbuilding and Stability
Language of Instruction:	Polish
Foreign students accepted with:	Must be accepted by the Ministry of Education and nominated by their Government through the Department of Shipping of Poland
Further Information:	College of Navigation Gdynia Czerwonych Kosynierow 83 Poland

FACULTY OF FISHERIES, UNIVERSITY OF AGRICULTURE POL 05

Olsztyn-Kortowo, Poland

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Chemistry, (Basic Sciences); Statistics, (Fishery Sciences); Fisheries Technology (Processing); Microbiology, Ichthyology, Biochemistry, Physiology (Plant), and General Biological Oceanography (Marine Biology); Parasitology (Fish Diseases), Management of Ponds, Lakes and Rivers, and General Freshwater Biology (Limnology)
Graduate Courses:	None
Language of Instruction:	Polish
Further Information:	Faculty of Fisheries, University of Agriculture, Olsztyn-Kortowo, Poland

INSTITUTE OF ZOOLOGY, UNIVERSITY OF OPORTO PRT 01

Oporto, Portugal

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, (Basic Sciences); Ecology, Physiology, Taxonomy, Comparative Anatomy, (Biological Oceanography - Marine Biology); Taxonomy, (Freshwater Biology (Limnology)
Graduate Courses:	None
Language of Instruction:	Portuguese
Foreign students accepted with:	Special arrangements for each case
Faculty:	Three full-time staff teach students and supervise research
Further Information:	Professor Amilcar Mateus, Institute of Zoology, Faculty of Science, University of Oporto, Oporto, Portugal

DEPARTMENT OF MARINE SCIENCES, UNIVERSITY OF PUERTO RICO PRI 01

Mayagüez, Puerto Rico

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Chemistry, Physics, Geology, Mathematics, (Basic Sciences); Fish Biology, Population Dynamics, Biometrics, Management, (Fishery Sciences); Fishery Resource Development; Plankton, Ecology, Botany (Cryptogamic), Microbiology, Zoogeography, Ichthyology, Biochemistry (Cellular), Behaviour, Physiology (Invertebrate), Taxonomy, Biometry, and General Biological Oceanography (Marine Biology); Plankton, Ecology, Ichthyology, Behaviour, Physiology, Taxonomy, Biometry, Aquatic Entomology, Parasitology, (Freshwater Biology - Limnology)
Graduate Courses:	Zoology, Botany, Chemistry, Physics, Geology, Mathematics, (Basic Sciences); Fish Biology, Population Dynamics, (Fishery Sciences); Marine and Freshwater Aquaculture; Biological, Chemical, Physical and Geological General Oceanography; Plankton, Ecology, Botany (Cryptogamic), Mycology, Zoogeography, Ichthyology, Biochemistry (Cellular), Physiology (Invertebrate), Taxonomy, (Biological Oceanography - Marine Biology); Tides and Waves, Ocean Circulation, Meteorological Oceanography, and Physical Oceanography; General Chemical Oceanography; Marine Sediments, Marine Palaeontology, and General Geological Oceanography; Marine Pollution; Ichthyology (Freshwater Biology - Limnology)
Research Projects:	Productivity, Systematics, Pollution, Economic Use of Algae (Underwater training is also given)
Language of Instruction:	Within the Department of Marine Sciences, summer courses are always given in English. Other courses are in either Spanish or English.
Foreign students accepted with:	Fluency in Spanish for undergraduate students. Fluency in either Spanish or English for graduate students in the Department.
Faculty:	Twenty full-time staff teach students and supervise research
Further Information:	Director Department of Marine Sciences University of Puerto Rico Mayagüez, Puerto Rico 00708

POLYTECHNIC INSTITUTE ROM 01

Galatz, Romania

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Chemistry, Physics, Mathematics, (Basic Sciences); Management, (Fishery Sciences); Fisheries Technology (Processing)
Graduate Courses:	None
Language of Instruction:	Romanian (Students must learn one of the following languages - French, English, German, or Russian)
Foreign students accepted with:	Secondary School Diploma, with good grades in basic sciences
Further Information:	Institut Polytechnique, Str. Republicii 111, Galatz 3, R.S. Romania

FISHERIES BIOLOGY UNIT, ZOOLOGY DEPARTMENT, UNIVERSITY OF SINGAPORE SGP 01

Bukit Timah Road, Singapore

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	None
Graduate Courses:	Fish Biology, Management, (Fishery Sciences); Fishing Gear and Methods, Fishery Resource Development, Fishery Law (Administration), Fishing Industry; Combined General Oceanography; Plankton, and General Biological Oceanography (Marine Biology); Organic Production (Chemical Oceanography); Productivity, and General Freshwater Biology (Limnology)
Field Courses:	Field observations on fishing methods, marketing, administration and extension schemes; Chemical analysis of water and fishery products of collecting gears, identification of fish and invertebrates, including plankton
Language of Instruction:	English
Further Information:	Hon. Director, Fisheries Biology Unit, Zoology Department, University of Singapore, Bukit Timah Road, Singapore 10

INSTITUTE FOR ZOOLOGICAL RESEARCH, POTCHEFSTROOM UNIVERSITY, ZAF 01

Transvaal, Republic of South Africa

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, (Basic Sciences)
Graduate Courses:	Freshwater Aquaculture; Plankton, Ecology, Taxonomy, Parasitology, Microbiology, (Freshwater Biology - Limnology)
Language of Instruction:	English
Faculty:	Two full-time and three part-time staff teach students and supervise research
Further Information:	Institute for Zoological Research, Potchefstroom University, Potchefstroom, Transvaal, Republic of South Africa

INSTITUTE OF OCEANOGRAPHY, UNIVERSITY OF CAPE TOWN ZAF 02

Cape Province, Republic of South Africa

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, (Basic Sciences); Biological, Physical, and Geological General Oceanography; General Biological Oceanography (Marine Biology); Tides and Waves, Ocean Circulation, Air/Sea Interaction, and General Physical Oceanography; General Chemical Oceanography; General Geological Oceanography; General Freshwater Biology (Limnology)
Graduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, (Basic Sciences)
Language of Instruction:	English
Foreign students accepted with:	B.Sc. (Hons.)
Financial aid available to:	Various bursaries and scholarships available to citizens but very limited support available to foreign students
Faculty:	Six full-time and four part-time staff teach students and supervise research
Further Information:	Professor J.K. Mallory, Department of Oceanography, University of Cape Town Rondebosch, 7700 Cape Province Republic of South Africa

J.L.B. SMITH INSTITUTE OF ICHTHYOLOGY, RHODES UNIVERSITY ZAF 03

Grahamstown, Republic of South Africa

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, (Basic Sciences); Ecology, Zoogeography, Ichthyology, Taxonomy, Systematics, (Biological Oceanography - Marine Biology); Ecology, Ichthyology, Taxonomy, Zoogeography, Systematics, (Freshwater Biology - Limnology)
Graduate Courses:	Zoology, (Basic Sciences); Freshwater Aquaculture; Ecology, Zoogeography, Ichthyology, Taxonomy, Systematics, (Biological Oceanography - Marine Biology); Ecology, Ichthyology, Taxonomy, Zoogeography, Systematics, (Freshwater Biology - Limnology)
Language of Instruction:	English
Foreign students accepted with:	Baccalaureate Degree (minimum)
Financial aid available to:	CSIR Bursaries and Rhodes University Bursaries available to citizens
Faculty:	Three full-time staff teach students and supervise research
Further Information:	The Director, J.L.B. Smith Institute of Ichthyology, Rhodes University, Grahamstown, Republic of South Africa

OCEANOGRAPHIC RESEARCH INSTITUTE, UNIVERSITY OF NATAL ZAF 04

Durban, Natal, Republic of South Africa

This Institution[1/] offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	None
Graduate Courses:	Fish Biology, Population Dynamics, Biometrics, Management, (Fishery Sciences); Fishery Resource Development; Marine Aquaculture; Biological and Combined General Oceanography; Plankton, Ecology, Zoogeography, Ichthyology, Biochemistry, Behaviour, Physiology, Taxonomy, Biometry, and General Biological Oceanography (Marine Biology)
Language of Instruction:	English
Foreign students accepted with:	If they speak English and if they make arrangements for student status with the University of Natal
Further Information:	Director, Oceanographic Research Institute, University of Natal, P.O. Box 736, Durban, Republic of South Africa

[1/] Most staff members utilize their research results for the acquisition of either M.Sc. or Ph.D. degrees. Research is orientated toward the study of marine and coastal ecology in Natal in relation to the theme "Food from the sea" and the conflict of this subject with rapid industrial development of the region. Particular attention is given to the subject of estuarine ecology in relation to harbour and marine development.

Visiting scientists are welcome at the O.R.I. Staff give lectures to the public and at the University and the aquarium is used by the University for research and teaching purposes.

INSTITUTE OF FISHERY INVESTIGATION — ESP 01

Barcelona, Spain

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Fish Biology, Population Dynamics, Biometrics, (Fishery Sciences); Fisheries Technology (Processing); Biological and Chemical General Oceanography; General Biological Oceanography (Marine Biology)
Graduate Courses:	None
Language of Instruction:	Spanish
Foreign students accepted with:	Baccalaureate Degree
Further Information:	Dr. B. Andréu, Director Instituto de Investigaciones Pesqueras Paseo Nacional, s/n Barcelona, 3 Spain

SOUTHERN SWEDISH FISHING ASSOCIATION — SWE 01

Aneboda, Lammhult, Sweden

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Freshwater Aquaculture; Zooplankton, Aquatic Botany, Management of Fish Ponds and Lakes, (Freshwater Biology - Limnology)
Graduate Courses:	None
Language of Instruction:	Swedish
Further Information:	Soedra Sveriges Fiskerifoerening Aneboda, Lammhult, Sweden

INSTITUTE OF PHYSIOLOGICAL BOTANY, UNIVERSITY OF UPPSALA — SWE 02

Uppsala, Sweden

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	None
Graduate Courses:	Physiology[1], Taxonomy[1], Morphology[1], (Biological Oceanography - Marine Biology); Physiology[2], Taxonomy[2], Morphology[2], (Freshwater Biology - Limnology) [1] of marine algae [2] of freshwater algae (Post-doctoral training in physiology of algae)
Language of Instruction:	Swedish (Instruction is also given in English and/or German, when necessary)
Foreign students accepted with:	Foreign students accepted if their standard approximately corresponds to that of the Swedish students
Further Information:	Uppsala Universitet, Institutionen for Physiologisk Botanik, Uppsala, Sweden

INSTITUTE OF LIMNOLOGY, UNIVERSITY OF UPPSALA SWE 03

Uppsala, Sweden

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	General Freshwater Biology (Limnology) At Uppsala: Theoretical and Applied Limnology At Erken Laboratory: Field Classes
Graduate Courses:	None
Language of Instruction:	Swedish, English on advanced level (research)
Further Information:	Limnologiska Institution, Uppsala Universitet, Uppsala, Sweden

TAIWAN PROVINCIAL COLLEGE OF MARINE AND OCEANIC TECHNOLOGY TWN 01

78 Chung Cheng 6th Road, Keelung, Taiwan

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Microbiology, Chemistry, Physics, Fish Biology, Fishing Gear and Methods, Fishery Economics, Freshwater Aquaculture, Plankton, Biochemistry, Oceanographic Engineering
Graduate Courses:	None
Language of Instruction:	Chinese
Foreign students accepted with:	All students must be nominated by their government and present application through the Chinese Overseas Affairs Committee
Further Information:	Taiwan Provincial College of Marine and Oceanic Technology, 78 Chung Cheng 6th Road, Keelung, Taiwan

NATIONAL TAIWAN UNIVERSITY, INSTITUTE OF FISHERY BIOLOGY TWN 02

Roosevelt Road Sec. III, Taipei, Taiwan

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Fish Biology, Freshwater Aquaculture, Ecology, Plankton
Graduate Courses:	None
Language of Instruction:	English
Further Information:	National Taiwan University, Institute of Fishery Biology, Roosevelt Road Sec. III, Taipei, Taiwan

BANGKHEN INLAND FISHERIES EXPERIMENTAL STATION
KASETSART UNIVERSITY

THA 01

Bangkhen, Bangkok, Thailand

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Microbiology, (Basic Sciences); Fish Biology, Management, (Fishery Sciences); Fishery Resource Development; Freshwater Aquaculture; Freshwater Pollution; Parasitology, Hatcheries Management, Pond Construction, and General Freshwater Biology (Limnology)
Graduate Courses:	None
Language of Instruction:	Thai, English
Foreign students accepted with:	Secondary School Diploma, Baccalaureate Degree
Further Information:	Director of Inland Fisheries Division Department of Fisheries, Ministry of Agriculture, Rajdamnern Avenue, Bangkok, Thailand

COLLEGE OF FISHERIES, KASETSART UNIVERSITY

THA 02

Bangkhen, Bangkok, Thailand

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Fish Biology, Management, (Fishery Sciences); Fisheries Technology (Processing), Fishing Gear and Methods, Fishery Economics, Fishery Law; Marine and Freshwater Aquaculture; Biological, Chemical and Physical General Oceanography; Plankton, Ecology, Microbiology, Zoogeography, Ichthyology, Taxonomy, and General Biological Oceanography (Marine Biology); Tides and Waves, and General Physical Oceanography; General Geological Oceanography; Freshwater Pollution; Ichthyology, Physiology, Biometry, Fish Diseases, Bacteriology, Embryology, Genetics, Fisheries Literature, (Freshwater Biology - Limnology)
Graduate Courses:	Fish Biology, Population Dynamics, Management, (Fishery Sciences); Fisheries Technology (Processing), Fishing Gear and Methods, Fishery Economics; Marine and Freshwater Aquaculture; Biological, Chemical, Physical, and Combined General Oceanography; Plankton, Ecology, Microbiology, Zoogeography, Ichthyology, Taxonomy, (Biological Oceanography - Marine Biology); Tides and Waves; General Geological Oceanography; Freshwater Pollution; Plankton, Ecology, Aquatic Botany, Ichthyology, Physiology, Biometry, Fish Diseases, Bacteriology, Embryology, Genetics, Fisheries Literature, (Freshwater Biology - Limnology)
Language of Instruction:	Thai, English
Faculty:	Thirty-four full-time and fifteen part-time staff teach students and supervise research
Further Information:	Faculty of Fisheries Kasetsart University, Bangkok 9, Thailand

NATIONAL SCIENTIFIC AND TECHNICAL INSTITUTE OF OCEANOGRAPHY TUN 01

Salammbo, Tunisia

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	None
Graduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, (Basic Sciences); Fish Biology, Population Dynamics, Biometrics,(Fishery Sciences); Fishing Gear and Methods, Fishery Resource Development; Marine and Freshwater Aquaculture; Biological, Chemical, and Physical General Oceanography; Plankton, Ecology, Botany, Microbiology, Mycology, Ichthyology, Biochemistry, Taxonomy, Biometry, Zooplankton, Phytoplankton, and General Biological Oceanography (Marine Biology); General Chemical Oceanography; Marine Pollution
Language of Instruction:	Arabic
Foreign students accepted with:	Baccalaureate Degree
Faculty:	Six part-time staff teach students and supervise research
Further Information:	Institut National Scientifique et Technique d'Océanographie et de Pêche (l'INSTOP) Ministère de l'Agriculture Salammbo Tunisia

DOVE MARINE LABORATORY, UNIVERSITY OF NEWCASTLE-UPON-TYNE GBR 01

Northumberland, England, **United Kingdom**

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, (Basic Sciences); Biological and Combined General Oceanography; Plankton, Ecology, Behaviour, Physiology, and General Biological Oceanography (Marine Biology); Tides and Waves, Ocean Circulation, and General Physical Oceanography; General Chemical Oceanography; General Geological Oceanography; Marine Pollution; Plankton, Ecology, Behaviour, Physiology, Aquatic Entomology, and General Freshwater Biology (Limnology)
Graduate Courses:	None
Language of Instruction:	English
Foreign students accepted with:	Baccalaureate Degree (for postgraduate training)
Faculty:	Twelve full-time staff teach students and supervise research
Further Information:	Director, Dove Marine Laboratory, University of Newcastle-upon-Tyne, Cullercoats, North Shields, Northumberland, England

MARINE SCIENCE LABORATORIES, FEDERATED UNIVERSITY OF WALES, UNIVERSITY COLLEGE OF NORTH WALES GBR 02

Anglesey, North Wales, **United Kingdom**

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Biological, Chemical, Physical, Geological General Oceanography; Plankton, Ecology, Botany, Microbiology, Ichthyology, Behaviour, Physiology, and General Biological Oceanography (Marine Biology); General Chemical Oceanography and Geochemistry;
Graduate Courses:	None
Postgraduate Courses:	Postgraduate research courses leading to M.Sc. or Ph.D. in physical oceanography, chemical oceanography, marine biology and fisheries
Language of Instruction:	English
Further Information:	Marine Science Laboratories Federated University of Wales University College of North Wales Menai Bridge, Anglesey, North Wales

DEPARTMENT OF ZOOLOGY, UNIVERSITY OF OXFORD GBR 03

Oxford, England, **United Kingdom**

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology (Invertebrate and Vertebrate); General Biological Oceanography (Marine Biology)
	Special course on Teleost fishes.
Graduate Courses:	None
Language of Instruction:	English
Foreign students accepted with:	Must be accepted by an Oxford College to read for an Honours BA degree in Zoology (3 year course)
Further Information:	Department of Zoology, University of Oxford, Parks Road, Oxford, England

DEPARTMENT OF MARINE BIOLOGY, UNIVERSITY OF LIVERPOOL GBR 04

Isle of Man, England, **United Kingdom**

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Chemistry, (Basic Sciences); Fish Biology, Population Dynamics, Biometrics, (Fishery Sciences); Plankton, Ecology, Botany, Behaviour, Physiology, and General Biological Oceanography (Marine Biology);
Graduate Courses:	None
Language of Instruction:	English
Faculty:	Nine full-time staff teach students and supervise research
Further Information:	Department of Marine Biology, University of Liverpool Port Erin, Isle of Man, U.K.

GETTY MARINE LABORATORY, ST. ANDREW'S UNIVERSITY GBR 05

St. Andrews, Scotland, **United Kingdom**

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Physiology (Algal) - Biological Oceanography (Marine Biology)
Graduate Courses:	Physiology (Algal), Behaviour, (Biological Oceanography - Marine Biology)
Language of Instruction:	English
Faculty:	Seven full-time and five part-time staff teach students and supervise research
Further Information:	Getty Marine Laboratory St. Andrew's University St. Andrews, Scotland

DEPARTMENT OF APPLIED MICROBIOLOGY, UNIVERSITY OF STRATHCLYDE GBR 06

Glasgow, Scotland, **United Kingdom**

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, (Biology), Microbiology, Chemistry, Physics, Mathematics, (Basic Sciences); Microbiology; Marine and Freshwater Aquaculture; Microbiology (Biological Oceanography - Marine Biology)
Graduate Courses:	Microbiology, (Basic Sciences); Microbiology; Marine and Freshwater Aquaculture; Marine and Freshwater Pollution
Language of Instruction:	English
Foreign students accepted with:	Baccalaureate Degree
Financial aid available to:	Citizens - Research studentship grants as available University Research Studentships Foreign students - University Research Studentships
Faculty:	Three full-time staff teach students and supervise research
Further Information:	Professor E. O. Morris Head of Applied Microbiology Department Department of Applied Microbiology University of Strathclyde, Royal College Building, 204 George Street, Glasgow G1 1XW, Scotland

UNIVERSITY MARINE BIOLOGICAL STATION GBR 07

Isle of Cumbrae, Scotland, **United Kingdom**

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Ecology, Microbiology, and General Biological Oceanography (Marine Biology); Marine Pollution
Graduate Courses:	Microbiology, (Basic Sciences)
Language of Instruction:	English
Foreign students accepted with:	Baccalaureate Degree
Faculty:	Two full-time and ten part-time staff teach students and supervise research
Further Information:	The Director, University Marine Biological Station, Millport, Isle of Cumbrae, Scotland

N.B. This Institution can accept trainee technicians to attend courses at the Station

UNIVERSITY OF MONTANA BIOLOGICAL STATION — USA 01

Bigfork, Montana, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Microbiology, Chemistry, Geology, (Basic Sciences); Fish Biology, Population Dynamics, (Fishery Sciences); Freshwater Pollution; Plankton Ecology, Aquatic Botany, Ichthyology, Behaviour, Taxonomy, Aquatic Entomology, Algology, Aquatic Invertebrate Systematics, Aquatic Plants, and General Freshwater Biology (Limnology)
Graduate Courses:	As above
Language of Instruction:	English
Foreign students accepted with:	Secondary School Diploma, Baccalaureate Degree
Faculty:	Eight full-time and one part-time staff teach students and supervise research
Further Information:	Dr. John F. Tibbs, Director, Biological Station, Associate Professor, Zoology
Academic year address:	Room 305, Health Science Bldg., University of Montana, Missoula, Montana 59801, USA
Summer Address:	University of Montana Biological Station at Yellow Bay on Flathead Lake Bigfork, Montana 59911, USA

UNIVERSITY OF INDIANA — USA 02

Bloomington, Indiana, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Biological Oceanography (Marine Biology) (General)
Graduate Courses:	None
Language of Instruction:	English
Foreign students accepted with:	Must qualify for graduate admission required by the University of Indiana
Further Information:	University of Indiana, Bloomington, Indiana, USA

IOWA LAKESIDE LABORATORY, STATE UNIVERSITY OF IOWA — USA 03

Milford, Iowa, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, (Basic Sciences); Fish Biology, (Fishery Sciences); Microbiology (Biological Oceanography - Marine Biology); Aquatic Entomology, Parasitology, General Invertebrate Zoology, and General Freshwater Biology (Limnology)
Graduate Courses:	None
Language of Instruction:	English
Financial aid available to:	No fees charged for research space
Further Information:	Iowa Lakeside Laboratory, State University of Iowa, Milford, Iowa 51351, USA

WATER RESOURCES LABORATORY AND DEPARTMENT OF BIOLOGY
UNIVERSITY OF LOUISVILLE — USA 04

Kentucky, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, (Basic Sciences); Fish Biology, Biometrics, Geology, (Fishery Sciences); Aquatic Botany, Ichthyology, Biochemistry, Physiology, Taxonomy, Aquatic Entomology, Parasitology, (Freshwater Biology - Limnology)
Graduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, (Basic Sciences); Fish Biology, Population Dynamics, Geology, (Fishery Sciences); Ecology (and Economics of Flowing Waters), Aquatic Botany, Ichthyology, Biochemistry, Physiology, Taxonomy, Aquatic Entomology, Parasitology, Conservation of Aquatic Resources, and General Freshwater Biology (Limnology)
Language of Instruction:	English
Foreign students accepted with:	Secondary School Diploma, Baccalaureate Degree
Financial aid available to:	No fees charged
Faculty:	Ten full-time staff teach students and supervise research
Further Information:	The Dean Graduate School University of Louisville Louisville, Kentucky 40208, USA

FISHERIES, FORESTRY AND WILDLIFE PROGRAM, SCHOOL OF NATURAL RESOURCES, UNIVERSITY OF MICHIGAN — USA 05

Ann Arbor, Michigan 48104, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, (Basic Sciences); Fish Biology, Population Dynamics, Biometrics, Management, (Fishery Sciences); Fisheries Technology (Processing), Marketing, Commercial Fisheries; Freshwater Aquaculture; Biological, Chemical, Physical, Geological, and Combined General Oceanography; Ecology, Botany, Zoogeography, Ichthyology, Biochemistry, Behaviour, Physiology, and General Biological Oceanography (Marine Biology); Tides and Waves, Ocean Circulation, Geophysics, Meteorological Oceanography, and General Physical Oceanography; Geochemistry and General Chemical Oceanography; Marine Sediments, Marine Palaeontology, and General Geological Oceanography; Plankton, Ecology, Aquatic Botany, Ichthyology, Aquatic Entomology, Parasitology, and General Freshwater Biology (Limnology); Oceanographic Engineering
Graduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, (Basic Sciences); Fish Biology, Population Dynamics, Biometrics, Management, (Fishery Sciences); Biological, Chemical, Physical, Geological, and Combined General Oceanography; Ecology, Botany, Microbiology, Mycology, Zoogeography, Ichthyology, Biochemistry, Behaviour, Physiology, and General Biological Oceanography (Marine Biology); Tides and Waves, Ocean Circulation, Geophysics, Air/Sea Interaction, Meteorological Oceanography, and General Physical Oceanography; Geochemistry and General Chemical Oceanography; Marine Sediments, Marine Palaeontology, and General Geological Oceanography; Plankton, Ecology, Aquatic Botany, Ichthyology, Aquatic Entomology, Parasitology, and General Freshwater Biology (Limnology); Oceanographic Engineering
Language of Instruction:	English
Foreign students accepted with:	Ability to meet University of Michigan standards of admission
Faculty:	Fifty full-time and ten part-time staff teach students and supervise research
Further Information:	Fisheries, Forestry and Wildlife Program School of Natural Resources University of Michigan Ann Arbor, Michigan 48104, USA

MICHIGAN STATE UNIVERSITY USA 06

East Lansing, Michigan 48823, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, (Basic Sciences); Fish Biology, Population Dynamics, Management, (Fishery Sciences); Biological General Oceanography; Ichthyology, (Biological Oceanography - Marine Biology); Plankton, Ecology, Ichthyology, Physiology, Biometry, Aquatic Entomology, Parasitology, and Freshwater Biology (Limnology)
Graduate Courses:	None
Language of Instruction:	English
Foreign students accepted with:	Must have their own financial support, and have a mastery of the English language
Further Information:	Michigan State University East Lansing, Michigan 48823, USA

W.K. KELLOGG BIOLOGICAL STATION, MICHIGAN STATE UNIVERSITY USA 07

Gull Lake, Hickory Corners, Michigan 49060, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Microbiology, (Basic Sciences); Fish Biology, (Fishery Sciences); Ichthyology, (Biological Oceanography - Marine Biology); Plankton, Ecology, Ichthyology, Taxonomy (Algae), Aquatic Entomology, Parasitology, Algae, and General Freshwater Biology (Limnology)
Graduate Courses:	Zoology, Botany, Microbiology, (Basic Sciences); Fish Biology, Population Dynamics, (Fishery Sciences); Plankton, Ecology, Aquatic Botany, Aquatic Entomology, Parasitology, and General Freshwater Biology (Limnology)
Language of Instruction:	English
Foreign students accepted with:	Secondary School Diploma, Baccalaureate Degree Undergraduates in last year are also acceptable
Financial aid available to:	Assistantships to graduate students through MSU Departments Research Assistantships on federally-funded projects through the six resident faculty (These apply to both citizens and foreign students)
Faculty:	Six full-time staff and one part-time staff teach students and supervise research
Further Information:	Academic Coordinator W.K. Kellogg Biological Station Michigan State University Hickory Corners, Michigan 49060, USA

BIOLOGICAL STATION, UNIVERSITY OF MICHIGAN USA 08

(at Douglas Lake), Michigan, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Geology, (Basic Sciences); Fish Biology, (Fishery Sciences); Combined General Oceanography; Freshwater Pollution; Ecology (Plant), Aquatic Botany (Aquatic flowering plants), Ichthyology, Invertebrates, Taxonomy (of flowering plants), Aquatic Entomology, Parasitology, Helminthology, Algae, Bryophytes, Fungi, and General Freshwater Biology (Limnology); Ornithology
Graduate Courses:	Zoology, Botany, (Basic Sciences); Fish Biology, (Fishery Sciences); Freshwater Pollution; Aquatic Botany (Aquatic flowering plants); Ichthyology, Invertebrates, Aquatic Entomology, Parasitology, Helminthology, Bryophytes, Algae, Fungi, and General Freshwater Biology (Limnology); Ornithology
Language of Instruction:	English
Foreign students accepted with:	Acceptance of all students is based primarily on demonstrated scholastic ability
Financial aid available to:	Grant-in-aids to help with tuition costs
Faculty:	One full-time and six part-time staff teach students and supervise research
Further Information:	Director, Biological Station, The University of Michigan, Ann Arbor, Michigan 48104, USA

LAKE ITASCA FORESTRY AND BIOLOGICAL STATION USA 09
UNIVERSITY OF MINNESOTA

Lake Itasca, Minnesota , USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Ecology, Aquatic Botany, Invertebrates, Behaviour, Physiology, Taxonomy, Biometry, Aquatic Entomology, Parasitology, Algae, and General Freshwater Biology (Limnology)
Graduate Courses:	As above
Summer Courses:	Aquatic Flowering Plants, Freshwater Algae, Natural History of Invertebrates and Fishes, Limnology, Biology of Immature Insects, and a variety of terrestrial courses
Language of Instruction:	English
Financial aid available to:	Limited financial aid available to residents and non-residents
Faculty:	In Spring: Three full-time and six part-time In Summer: Twenty-one full-time and twenty-two part-time staff teach students and supervise research
Further Information:	Chairman, Field Biology Program, 349 Bell Museum of Natural History, University of Minnesota, Minneapolis, Minnesota 55455, USA

FISHERY RESOURCES LABORATORY, INSTITUTE OF AGRICULTURE, DEPARTMENT OF ENTOMOLOGY, FISHERIES & WILDLIFE, UNIVERSITY OF MINNESOTA — USA 10

St. Paul, Minnesota 55101, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, (Basic Sciences); Fish Biology, Population Dynamics, Management, (Fishery Sciences); Fishing Gear and Methods; Ichthyology, (Biological Oceanography - Marine Biology); Freshwater Pollution; Ecology, Ichthyology, Physiology, Biometry, Aquatic Entomology, Parasitology, and General Freshwater Biology (Limnology)
Graduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, (Basic Sciences); Fish Biology, Population Dynamics, Aquatic Ecology, (Fishery Sciences); Freshwater Pollution; Ecology, (Freshwater Biology - Limnology)
Language of Instruction:	English
Foreign students accepted with:	Must meet academic standards required for entrance to Minnesota School of Graduate Studies and be acceptable to U.S. State Department
Faculty:	Two full-time and one part-time staff teach students and supervise research
Further Information:	Fishery Resources Laboratory, Institute of Agriculture, Dept. of Entomology, Fisheries & Wildlife, University of Minnesota, St. Paul, Minnesota 55101

FRANZ THEODORE STONE LABORATORY, CENTER FOR LAKE ERIE RESEARCH, COLLEGE OF BIOLOGICAL SCIENCES, OHIO STATE UNIVERSITY — USA 11

Columbus, Ohio, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or similar specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Microbiology, Chemistry (Limnology), Physics, (Limnology), Geology (Limnology), Mathematics, (Basic Sciences); Fish Biology, Management, (Fishery Sciences); Fishing Gear and Methods, Fishery Resource Development; Biological and Physical General Oceanography (Limnology); Climatology and General Physical Oceanography (Limnology); Lake Sediments (Geological Oceanography - Limnology); Plankton, Ecology, Aquatic Botany, Ichthyology, Physiology, Taxonomy, Aquatic Entomology, Parasitology, Microbiology, Mycology, Radiation and General Freshwater Biology (Limnology)
Graduate Courses:	As above

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FRANZ THEODORE STONE LABORATORY (Contd.) USA 11

Language of Instruction:	English
Foreign students accepted with:	Baccalaureate Degree
Financial aid available to:	For both citizens and foreign students: Teaching Associate - $750/summer Scholarship - $300/summer
Faculty:	Five full-time and ten part-time staff teach students and supervise research
Further Information:	Director, Franz Theodore Stone Laboratory, Center for Lake Erie Research, College of Biological Sciences, 484 W 12th Avenue, Columbus, Ohio 43210

LABORATORY OF LIMNOLOGY, DEPARTMENT OF ZOOLOGY, UNIVERSITY OF WISCONSIN USA 12

Madison, Wisconsin, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Microbiology, Chemistry (Bio), (Basic Sciences); Fish Biology, Population Dynamics, Management, (Fishery Sciences); Fishery Resource Development; Biological and Physical General Oceanography; Ichthyology, Biochemistry, Physiology, Biometry, (Biological Oceanography - Marine Biology); Ichthyology, Biometry, Parasitology, and General Freshwater Biology (Limnology)
Graduate Courses:	None
Language of Instruction:	English (Other Languages: German, French and Spanish)
Foreign students accepted with:	Secondary School Diploma, Baccalaureate Degree (If they qualify for graduate admission.) (Undergraduate must maintain B average.)
Financial aid available to :	For graduate programme only: Research assistanships and fellowships, and teaching assistantships. Available to citizens and foreign students.
Faculty:	Three full-time staff teach students and supervise research
Further Information:	Director Laboratory of Limnology Department of Zoology University of Wisconsin Madison 6, Wisconsin 53706, USA

DEPARTMENT OF BIOLOGY, UNIVERSITY OF SOUTHWESTERN LOUISIANA USA 13

Lafayette, Louisiana, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, (Basic Sciences); Fish Biology, Management, Fishery Research Techniques, (Fishery Sciences); Fishing Gear and Methods; Freshwater Aquaculture; Biological General Oceanography; Plankton, Ecology (Animal and Plant), Botany, Ichthyology, Biometry, Aquatic and Marsh Plants, and General Biological Oceanography (Marine Biology); Aquatic Botany, Ichthyology, Aquatic Entomology, Parasitology, and General Freshwater Biology (Limnology)
Graduate Courses:	Zoology, Botany, (Basic Sciences); Fish Biology, Management, Fishery Research Techniques, (Fishery Sciences); Ichthyology, (Freshwater Biology - Limnology)
Language of Instruction:	English
Foreign students accepted with:	Secondary School Diploma
Faculty:	Five full-time staff teach students and supervise research
Further Information:	Registrar, University of Southwestern Louisiana, Lafayette, Louisiana 70501, USA

GULF COAST RESEARCH LABORATORY USA 14

Ocean Springs, Mississippi, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Geology, (Basic Sciences); Geological General Oceanography; Botany, Ichthyology, (Biological Oceanography - Marine Biology); Ichthyology, (Freshwater Biology - Limnology; Marine Vertebrate and Invertebrate Zoology; Marine Sediments (Geological Oceanography)
Graduate Courses:	None
Language of Instruction:	English
Foreign students accepted with:	Students must be registered through affiliated institutions.-[1]
Further Information:	Gulf Coast Research Laboratory Ocean Springs, Mississippi 39564, USA

[1] The Laboratory is the teaching agency for 8 state-supported and private colleges within the State of Mississippi and 10 others in the states of Louisiana, Alabama, Tennessee and Missouri.

N.B. This Institution is a field station of a group of southern universities offering summer or occasional courses to be applied to degrees at the parent universities.

BIOLOGICAL STATION, UNIVERSITY OF OKLAHOMA USA 15

Lake Texoma, Willis, Oklahoma, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses: Zoology, Botany, (Basic Sciences); Fish Biology, (Fishery Sciences); Fishing Gear and Methods; Freshwater Aquaculture; Ichthyology, (Biological Oceanography - Marine Biology); Freshwater Pollution; Ichthyology, Taxonomy, Herpetology, Natural History of Invertebrates, and General Freshwater Biology (Limnology)

Graduate Courses: Zoology, Botany, Microbiology, (Basic Sciences); Fish Biology, Population Dynamics, Management, (Fishery Sciences); Fishing Gear and Methods; Freshwater Pollution; Plankton, Ecology, Aquatic Botany, Behaviour, Parasitology, and General Freshwater Biology (Limnology)

Language of Instruction: English

Financial aid available to: Citizens: Undergraduate and graduate scholarships and Assistantships
Fees charged for research space

Faculty: Three full-time and thirteen part-time staff teach students and supervise research

Further Information: Director, Biological Station,
University of Oklahoma, Lake Texoma,
Willis, Oklahoma 73462, USA

DEPARTMENT OF WILDLIFE AND FISHERIES SCIENCES, COLLEGE OF AGRICULTURE, TEXAS A & M UNIVERSITY USA 16

College Station, Texas, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses: Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, (Basic Sciences); Fish Biology, Population Dynamics, Biometrics, Management, (Fishery Sciences); Marine and Freshwater Aquaculture; Biological, Chemical, Physical, Geological, and Combined General Oceanography; Ecology, Microbiology, Algology, Ichthyology, Taxonomy, Biometry, and General Biological Oceanography (Marine Biology); Tides and Waves, Ocean Circulation, and General Physical Oceanography; Geochemistry, and General Chemical Oceanography; General Geological Oceanography; Marine Pollution; Ecology, Ichthyology, Biochemistry, Taxonomy, Biometry, Parasitology, and General Freshwater Biology (Limnology)

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Graduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, (Basic Sciences); Fisheries Technology (Processing), Fishery Resource Development, Fishery Economics; Marine Aquaculture; Biological, Chemical, Physical, Geological, and Combined General Oceanography; Plankton, Ecology, Botany, Microbiology, Mycology, Zoogeography, Ichthyology, Physiology, Taxonomy, Biometry, and General Biological Oceanography (Marine Biology); Tides and Waves, Ocean Circulation, Geophysics, Underwater Acoustics, Air/Sea Interaction, Meteorological Oceanography, and General Physical Oceanography; Geochemistry and General Chemical Oceanography; Marine Sediments, Marine Palaeontology, and General Geological Oceanography; Plankton, Ecology, Aquatic Botany, Ichthyology, Physiology, Taxonomy, Biometry, Aquatic Entomology, Parasitology, and General Freshwater Biology (Limnology)
Language of Instruction:	English
Foreign students accepted with:	Must have a high scholastic achievement; an adequate command of the English language; ability to finance his education. Applicants for graduate students must take the Graduate Record Examination and the Test of English as a foreign language
Financial aid available to:	Citizens and Foreign students: Limited number of Teaching Assistantships, Graduate Research Assistantships
Faculty:	125 full-time and 125 part-time staff teach students and supervise research
Further Information:	Director A & M Marine Laboratory Building 311 Fort Crockett Galveston, Texas 77552, USA

MARINE SCIENCE INSTITUTE, UNIVERSITY OF TEXAS USA 17

Port Aransas, Texas, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, (Basic Sciences); Biological, Chemical, Physical, Geological, and Combined General Oceanography; Plankton, Ecology, Botany, Microbiology, Mycology, Zoogeography, Ichthyology, Biochemistry, Behaviour, Physiology, Taxonomy, Biometry, and General Biological Oceanography (Marine Biology); Tides and Waves, Ocean Circulation, Geophysics, Underwater Acoustics, Air/Sea Interaction, Meteorological Oceanography, and General Physical Oceanography; Geochemistry and General Chemical Oceanography; Marine Sediments, Marine Palaeontology, and General Geological Oceanography; Marine and Freshwater Pollution; Plankton, Ecology, Aquatic Botany, Ichthyology, Biochemistry, Behaviour, Physiology, Taxonomy, Biometry, Aquatic Entomology, Parasitology, and General Freshwater Biology (Limnology); Oceanographic Engineering
Graduate Courses:	Same as above, plus, Fish Biology, Population Dynamics, Biometrics, (Fishery Sciences)
Language of Instruction:	English
Foreign students accepted with:	Must meet entrance requirements
Financial aid available to:	Citizens and Foreign Students: Several Research Assistantships
Faculty:	Ten full-time and six part-time staff teach students and supervise research
Further Information:	The Director Marine Science Institute, University of Texas, Port Aransas, Texas 78373, USA

COLLEGE OF ARTS AND SCIENCES, UNIVERSITY OF MASSACHUSETTS USA 18

Amherst, Massachusetts, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	General Biological Oceanography (Marine Biology)
Graduate Courses:	None
Language of Instruction:	English
Further Information:	College of Arts and Sciences University of Massachusetts Amherst, Massachusetts, USA

COLLEGE OF LIBERAL ARTS, BOSTON UNIVERSITY USA 19

Boston, Massachusetts, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, (Basic Sciences); Fish Biology, Population Dynamics, Biometrics, (Fishery Sciences); Biological, Geological, and Combined General Oceanography; 'Plankton, Ecology, Botany, Mycology, Zoogeography, Ichthyology, Behaviour, Physiology, Taxonomy, Marine Paleocology, Coastal Environments, and General Biological Oceanography (Marine Biology); Ocean Circulation, Meteorological Oceanography, and General Physical Oceanography; Marine Sediments, Marine Palaeontology, and General Geological Oceanography; Marine and Freshwater Pollution; Ecology, Aquatic Botany, Ichthyology, Behaviour, Physiology, Taxonomy, Parasitology, and General Freshwater Biology (Limnology)
Graduate Courses:	As above, plus, Plankton (Freshwater Biology - Limnology); Geophysics, (Physical Oceanography)
Language of Instruction:	English
Foreign students accepted with:	Acceptance to Graduate School at Boston University
Financial aid available to:	Some assistantships, mostly teaching stipends plus tuition coverage, available to citizens and foreign students
Faculty:	Fourteen full-time staff teach students and supervise research
Further Information:	Director, Marine Biological Laboratories, Woods Hole, Massachusetts 02543, USA

ESTUARINE LABORATORY, UNIVERSITY OF NEW HAMPSHIRE USA 20

Durham, New Hampshire 03824, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, (Basic Sciences); Fish Biology, (Fishery Sciences); Marine and Freshwater Aquaculture
Graduate Courses:	As Above
Language of Instruction:	English (some German and French)
Further Information:	Estuarine Laboratory University of New Hampshire Durham, New Hampshire 03824, USA

HARVARD UNIVERSITY — USA 21

Cambridge, Massachusetts, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, (Basic Sciences); Fish Biology, Population Dynamics, Biometrics, (Fishery Sciences); Biological, Chemical, Physical General Oceanography; Ecology, Zoogeography, Ichthyology, Physiology, Taxonomy, and General Biological Oceanography (Marine Biology); Ecology, Aquatic Botany, Ichthyology, Physiology, Taxonomy, and General Freshwater Biology (Limnology)
Graduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, (Basic Sciences); Population Dynamics, Biometrics, (Fishery Sciences); Biological, Chemical, and Physical General Oceanography
Language of Instruction:	English
Foreign students accepted with:	Acceptance to Graduate School at Harvard University
Financial aid available to:	Predoctoral Fellowships available to citizens
Faculty:	Six full-time staff teach students and supervise research
Further Information:	Professor K.F. Liem, Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts 02138, USA

WOODS HOLE OCEANOGRAPHIC INSTITUTION — USA 22

Woods Hole, Massachusetts, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	None
Graduate Courses:	Biological, Chemical, Physical, and Geological General Oceanography; Microbiology, Zoogeography, Ichthyology, and General Biological Oceanography (Marine Biology); Tides and Waves, Ocean Circulation, Geophysics, Underwater Acoustics, and General Physical Oceanography; Geochemistry and General Chemical Oceanography; Marine Sediments and General Geological Oceanography; Oceanographic Engineering
Language of Instruction:	English
Foreign students accepted with:	Baccalaureate Degree
Financial aid available to:	Applications for fellowships may be made to the Chairman, Fellowships Committee
Faculty:	Fifty part-time staff teach students and supervise research
Further Information:	Dean of Graduate Studies Woods Hole Oceanographic Institution Woods Hole, Massachusetts 02543, USA

GRADUATE SCHOOL OF OCEANOGRAPHY, UNIVERSITY OF RHODE ISLAND USA 23

Kingston, Rhode Island, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, (Basic Sciences); Fish Biology, Population Dynamics, Management, (Fishery Sciences); Fisheries Technology (Processing), Fishing Gear and Methods, Fishery Resource Development, Fishery Economics; Marine and Freshwater Aquaculture; Biological, Physical, and Geological General Oceanography; Ecology, Botany, Microbiology, Zoogeography, Ichthyology, Biochemistry, Behaviour, Physiology, Taxonomy, Biometry, (Biological Oceanography - Marine Biology); Marine and Freshwater Pollution; Plankton, Ecology, Aquatic Botany, Ichthyology, Biochemistry, Behaviour, Physiology, Taxonomy, Biometry, Aquatic Entomology, Parasitology, and General Freshwater Biology (Limnology); Oceanographic Engineering
Graduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, (Basic Sciences); Fish Biology, Management, (Fishery Sciences); Fisheries Technology (Processing), Fishery Resource Development, Fishery Economics, Fishery Law; Marine and Freshwater Aquaculture; Biological, Chemical, Physical, Geological and Combined General Oceanography; Plankton, Ecology, Botany, Microbiology, Zoogeography, Ichthyology, Biochemistry, Behaviour, Physiology, Taxonomy, Biometry, and General Biological Oceanography (Marine Biology); Tides and Waves, Ocean Circulation, Geophysics, Underwater Acoustics, Air/Sea Interaction, and General Physical Oceanography; Geochemistry and General Chemical Oceanography; Marine Sediments and General Geological Oceanography; Marine and Freshwater Pollution; Plankton, Ecology, Aquatic Botany, Ichthyology, Biochemistry, Behaviour, Physiology, Taxonomy, Biometry, Aquatic Entomology, Parasitology, and General Freshwater Biology (Limnology); Oceanographic Engineering
Language of Instruction:	English
Foreign students accepted with:	Secondary School Diploma, Baccalaureate Degree
Financial aid available to:	Various - can be considered upon application and admission. This applies to both foreign students and citizens
Faculty:	About 65 full-time and about 60 part-time staff teach students and supervise research
Further Information:	Director International Center for Marine Resource Development University of Rhode Island Kingston, Rhode Island 02881, USA

DEPARTMENT OF EARTH AND PLANETARY SERVICES
THE JOHNS HOPKINS UNIVERSITY

USA 24

Baltimore, Maryland, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, (Basic Sciences); Population Dynamics, Biometrics, Ecology, (Fishery Sciences); Biological, Chemical, Physical, Geological, and Combined General Oceanography; Plankton, Ecology, Botany, Microbiology, Mycology, Zoogeography, Biochemistry, Behaviour, Physiology, Biometry, Benthos, Reefs, and General Biological Oceanography (Marine Biology); Tides and Waves, Ocean Circulation, Geophysics, Underwater Acoustics, Air/Sea Interaction, Meteorological Oceanography, Fluid Dynamics, and General Physical Oceanography; Geochemistry, and General Chemical Oceanography; Marine Sediments, Marine Palaeontology, and General Geological Oceanography; Plankton, Ecology, Physiology, Biometry, and General Freshwater Biology (Limnology)
Graduate Courses:	Chemistry, Physics, Geology, Mathematics, Zoology, (Basic Sciences); Population Dynamics, Biometrics, Ecology, (Fishery Sciences); Biological, Chemical, Physical, Geological, and Combined General Oceanography; Plankton, Ecology, Zoogeography, Biochemistry, Physiology, Biometry, Benthos, Reefs, and General Biological Oceanography (Marine Biology); Tides and Waves, Ocean Circulation, Geophysics, Underwater Acoustics, Air/Sea Interaction, Meteorological Oceanography, Fluid Dynamics, and General Physical Oceanography; Geochemistry and General Chemical Oceanography; Marine Sediments, Marine Palaeontology, and General Geological Oceanography; Plankton, Ecology, Physiology, Biometry, and General Freshwater Biology (Limnology)
Language of Instruction:	English
Foreign students accepted with:	Secondary School Diploma, Baccalaureate Degree (for Ph.D. programme)
Financial aid available to:	Free tuition and stipend, if conditions met. This applies to both citizens and foreign students
Faculty:	Fifteen full-time and one part-time staff teach students and supervise research
Further information:	Chairman Department of Earth and Planetary Sciences 219 Latrobe Hall The Johns Hopkins University Baltimore, Maryland 21218 USA

YALE UNIVERSITY USA 25

New Haven, Connecticut 06520, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, (Basic Sciences); Fish Biology, Population Dynamics, Biometrics, (Fishery Sciences); Marine and Freshwater Aquaculture; Chemical, Physical, Geological, and Combined General Oceanography; Plankton, Ecology, Botany, Ichthyology, and General Biological Oceanography (Marine Biology); Tides and Waves, Ocean Circulation, Geophysics, Air/Sea Interaction, and General Physical Oceanography; Geochemistry, and General Chemical Oceanography; Marine Sediments, Marine Palaeontology, and General Geological Oceanography; Freshwater Pollution; Plankton, Ecology, Biochemistry, Physiology, Taxonomy, Aquatic Entomology, (Freshwater Biology - Limnology)
Graduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, (Basic Sciences); Fish Biology, Population Dynamics, (Fishery Sciences); Marine and Freshwater Aquaculture; Physical, Geological, and Combined General Oceanography; Ecology, Ichthyology, and General Biological Oceanography (Marine Biology); Tides and Waves, Ocean Circulation, Geophysics, Air/Sea Interaction, Meteorological Oceanography, and General Physical Oceanography; Geochemistry, and General Chemical Oceanography; Marine Sediments, Marine Palaeontology, and General Geological Oceanography; Physiology, Taxonomy, (Freshwater Biology - Limnology)
Language of Instruction:	English
Foreign students accepted with:	Secondary School Diploma (for undergraduate school) Baccalaureate Degree (for graduate school)
Faculty:	Ten full-time staff teach students and supervise research
Further Information:	Dean The Graduate School Yale University New Haven, Connecticut 06520 USA

MARINE RESEARCH LABORATORY, UNIVERSITY OF CONNECTICUT USA 26

Noank, Connecticut, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Biochemistry, Chemistry, (Basic Sciences); Fish Biology, Management, (Fishery Sciences); Biological, Chemical, Physical, Geological, and Combined General Oceanography; Ecology, Algology, Microbiology (Bacteriology), Ichthyology, Physiology; Ecology, Ichthyology, Biochemistry, Physiology, Taxonomy, Biometry, Aquatic Entomology, Parasitology, Algae, (Freshwater Biology - Limnology)
Graduate Courses:	Biological, Chemical, Physical, Geological, and Combined General Oceanography; Ichthyology, Pathobiology of Invertebrates, Physiological Ecology of Marine Pelecypods, Marine Invertebrate Pathology, (Biological Oceanography - Marine Biology); Depuration of Shellfish, (Pollution); Tides and Waves, Ocean Circulation, Geophysics, (Physical Oceanography); Geochemistry, and General Chemical Oceanography; Marine Sediments, (Geological Oceanography)
Language of Instruction:	English
Foreign students accepted with:	Baccalaureate Degree
Financial aid available to:	No fees charged
Faculty:	Thirteen full-time and four part-time staff teach students and supervise research
Further Information:	Assistant Director, Marine Research Laboratory, University of Connecticut, Noank, Connecticut 06340

MARINE SCIENCE INSTITUTE, NORTHEASTERN UNIVERSITY USA 27

East Point, Nahant, Massachusetts, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Microbiology, (Basic Sciences); General Fishery Sciences; Chemical General Oceanography; Invertebrate Systematics, Morphology, Bionomics, Life History Studies, and General Biological Oceanography (Marine Biology); General Chemical Oceanography; Depredation of pollutants by micro-organisms, (Pollution)
Graduate Courses:	Zoology, Botany, (Basic Sciences); Chemical General Oceanography; Ichthyology (Marine); Geochemistry, (Chemical Oceanography)
Language of Instruction:	English

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MARINE SCIENCE INSTITUTE (Contd.) USA 27

Foreign students accepted with:	Acceptance by Northeastern University as degree candidate, or as special student during summer
Faculty:	Three full-time and five part-time staff teach students and supervise research
Further Information:	Director, Marine Science Institute, Northeastern University, East Point, Nahant, Massachusetts 01908, USA

MARINE BIOLOGICAL LABORATORY USA 28

Woods Hole, Massachusetts, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Microbiology, (Basic Sciences); Ecology, Botany, Microbiology, Biochemistry, Physiology, Embryology, Gamete Physiology and Fertilization, (Biological Oceanography - Marine Biology); Ecology, Physiology, (Freshwater Biology - Limnology)
Graduate Courses:	As above
Language of Instruction:	English
Financial aid available to:	Occasionally scholarships and fellowships are available to a limited number of applicants
Faculty:	Forty-five part-time staff teach students and supervise research
Further Information:	Marine Biological Laboratory Woods Hole, Massachusetts 02543, USA

MARINE LABORATORY, UNIVERSITY OF DELAWARE USA 29

Newark, Delaware, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology (Invertebrate), (Basic Sciences); Fish Biology, Shellfish Biology, Histochemistry of Fish, (Fishery Sciences); Biological and Chemical General Oceanography; Ecology (Estuarine), Ichthyology, Physiology, Environmental Biology, Estuarine Biology, and General Biological Oceanography (Marine Biology); Marine Toxins, (Pollution)
Graduate Courses:	None
Language of Instruction:	English
Foreign students accepted with:	Adequate preparation in biology. Ability to handle American English
Further Information:	Marine Laboratory, University of Delaware, Newark, Delaware 19711, USA

DEPARTMENT OF BIOCHEMISTRY AND MICROBIOLOGY, COLLEGE OF AGRICULTURE AND ENVIRONMENTAL SCIENCE, RUTGERS UNIVERSITY — USA 30

Brunswick, New Jersey, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses: Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, (Basic Sciences); Fish Biology, Population Dynamics, Biometrics, Management, (Fishery Sciences); Marine and Freshwater Aquaculture; Biological, Chemical, Physical, Geological, and Combined General Oceanography; Plankton, Ecology, Botany, Microbiology, Mycology, Zoogeography, Ichthyology, Biochemistry, Behaviour, Physiology, Taxonomy, Biometry, and General Biological Oceanography (Marine Biology); Tides and Waves, Ocean Circulation, Geophysics, Meteorological Oceanography, and General Physical Oceanography; Geochemistry and General Chemical Oceanography; General Geological Oceanography; Marine and Freshwater Pollution; Ecology, Ichthyology, Biochemistry, Physiology, Taxonomy, Biometry, Parasitology, Ecology of Micro-organisms in Aquatic and Soil Environments, and General Freshwater Biology (Limnology)

Graduate Courses: Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, (Basic Sciences); Fish Biology, Population Dynamics, Biometrics, Management, (Fishery Sciences); Marine and Freshwater Aquaculture; Biological, Chemical, Physical, Geological, and Combined General Oceanography; Plankton, Ecology, Botany, Microbiology, Mycology, Zoogeography, Ichthyology, Biochemistry, Behaviour, Physiology, Taxonomy, Biometry, and General Biological Oceanography (Marine Biology); Tides and Waves, Ocean Circulation, Geophysics, (Physical Oceanography); Marine and Freshwater Pollution; Ecology, Ichthyology, Biochemistry, Physiology, Taxonomy, Biometry, Parasitology, (Freshwater Biology - Limnology)

Language of Instruction: English

Foreign students accepted with: Secondary School Diploma, Baccalaureate Degree
Students must also meet academic and language requirements

Financial aid available to: Only possibility are fellowships

Further Information:

Dr. Richard H. Merritt
Office of Resident Instruction
Cook College
Rutgers University
New Brunswick, New Jersey 08903
USA

NEW JERSEY OYSTER RESEARCH LABORATORY, DEPARTMENT OF ZOOLOGY, RUTGERS UNIVERSITY — USA 31

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	General Oceanography; Ecology (Estuarine), and General Biological Oceanography (Marine Biology); General Freshwater Biology (Limnology)
Graduate Courses:	None
Language of Instruction:	English
Further Information:	Office of Resident Instruction, Cook College, Rutgers University, New Brunswick, N.J. 08903

DEPARTMENT OF MARINE BIOCHEMISTRY AND ECOLOGY NEW YORK AQUARIUM — USA 32

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Ichthyology (Biological Oceanography - Marine Biology) Ichthyology (Freshwater Biology - Limnology)
Graduate Courses:	None
Language of Instruction:	English
Further Information:	Department of Marine Biochemistry and Ecology New York Aquarium Brooklyn 24, New York, USA

N.B. The Genetics Laboratory at the above Institute gives an undergraduate course in Fish Genetics

SUFFOLK COUNTY COMMUNITY COLLEGE — USA 33

Selden, Long Island, New York, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, (Basic Sciences); Fish Biology; Fishing Gear and Methods; Marine Aquaculture; Combined General Oceanography; Ecology, Ichthyology, and General Biological Oceanography (Marine Biology); General Chemical Oceanography; Marine Pollution
Graduate Courses:	None
Language of Instruction:	English
Faculty:	Three full-time and one part-time staff teach students and supervise research
Further Information:	Department of Marine Science and Technology Suffolk County College, Selden, New York 11874, USA

N.B. This Institution has a two year programme of study, leading to the Associate in Applied Science Degree, to train technicians to function in marine and allied industries. Courses offered included: commercial fishing techniques, microbiology, navigation, oceanography, commercial marine products, shellfish culture, plant sanitation, marine vertebrates, marine ecology, applied marine electronics.

PYMATUNING LABORATORY OF ECOLOGY, UNIVERSITY OF PITTSBURGH USA 34

Linesville, Pennsylvania 16424, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Microbiology, (Basic Sciences); Population Dynamics, (Fishery Sciences); Plankton, Ecology (Aquatic Vertebrate and Invertebrate), Taxonomy, and General Freshwater Biology (Limnology)
Graduate Courses:	Zoology, Botany, (Basic Sciences); Population Dynamics; Ecology (Aquatic Vertebrate and Invertebrate), Aquatic Botany, Aquatic Entomology, (Freshwater Biology - Limnology)
Language of Instruction:	English
Foreign students accepted with:	Baccalaureate Degree
Further Information:	Director, Pymatuning Laboratory of Ecology, University of Pittsburgh, Linesville, PA 16424, USA

N.B. Degrees are granted through the Department of Biology, University of Pittsburgh

VIRGINIA INSTITUTE OF MARINE SCIENCE USA 35

Gloucester Point, Virginia, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	None
Graduate Courses:	Fish Biology, Population Dynamics, Management, (Fishery Sciences); Fishery Law; Marine and Freshwater Aquaculture; Biological, Chemical, Physical, and Geological General Oceanography; Plankton, Ecology, Botany, Microbiology, Mycology, Zoogeography, Ichthyology, Biochemistry, Physiology, Taxonomy, Biometry, and General Biological Oceanography (Marine Biology); Tides and Waves, and General Physical Oceanography; General Chemical Oceanography; Marine Sediments, and General Geological Oceanography; Marine Pollution; Plankton, Ecology, Ichthyology, Biochemistry, Physiology, Taxonomy, Biometry, Parasitology, and General Freshwater Biology (Limnology); Oceanographic Engineering; Cybernetics; Radiobiology
Language of Instruction:	English
Financial aid available to:	Citizens: Assistantship ($3,200)
Faculty:	Fifty-one full-time staff teach students and supervise research
Further Information:	Dean School of Marine Science Virginia Institute of Marine Science Gloucester Point, Virginia, USA

MOUNTAIN LAKE BIOLOGICAL STATION, UNIVERSITY OF VIRGINIA USA 36

Charlottesville, Virginia 22903, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	All courses designed for graduate level, but open to advanced undergraduates
Graduate Courses:	Zoology (Invertebrate), Botany, (Basic Sciences); Fish Biology, Population Dynamics, (Fishery Sciences); Ecology (Plant and Animal), Ichthyology, Behaviour, Taxonomy (Plant), Aquatic Entomology, Parasitology, Herpetology, Algology, Mycology, Plant Anatomy, Experimental Embryology, Spermatophytes, Mammalogy, Ecological Genetics, and General Freshwater Biology (Limnology); Ornithology
Language of Instruction:	English
Foreign students accepted with:	Secondary School Diploma (by special permission) Baccalaureate Degree
Financial aid available to:	Citizens and Foreign Students: Room and board working scholarships; partial scholarships, competitive
Faculty:	Eight part-time staff teach students and supervise research
Further Information:	Director Mountain Lake Biological Station University of Virginia, Charlottesville, Va. 22903

INSTITUTE OF MARINE SCIENCE, UNIVERSITY OF MIAMI USA 37

Miami, Florida, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	None
Graduate Courses:	Zoology (Invertebrate), (Basic Sciences); Fish Biology, Population Dynamics, Biometrics, Management, (Fishery Sciences); Fishery Economics, Fishery Law; Marine Aquaculture; Biological, Chemical, Physical, Geological General Oceanography; Plankton, Ecology, Zoogeography, Ichthyology, Biochemistry, Behaviour, Physiology, Taxonomy, Biometry, Marine Invertebrate and Vertebrate Systematics, Phycology, Embryology, (Biological Oceanography - Marine Biology); Tides and Waves, Ocean Circulation, Geophysics, Underwater Acoustics, Air/Sea Interaction, Meteorological Oceanography, and General Physical Oceanography; Geochemistry and General Chemical Oceanography; Marine Sediments, Marine Palaeontology, and General Geological Oceanography

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INSTITUTE OF MARINE SCIENCE, MIAMI, (Contd.) USA 37

Language of Instruction: English

Foreign students accepted with: Baccalaureate Degree, and be able to provide own support for first year of study

Financial aid available to: Citizens: NSF
Grants from private sources
Foreign students: Apply to A.I.D. State Department, Organization of American States, Institute of International Education.

Faculty: Sixty-two part-time[1/] staff teach students and supervise research

[1/] Full-time faculty teaching only part-time

Further Information: Institute of Marine Science, University of Miami, Rickenbacker Causeway, Miami, Florida 33149, USA

FISH MANAGEMENT DIVISION, FLORIDA GAME AND FRESHWATER FISH COMMISSION USA 38

Tallahassee, Florida, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses: Fish Biology, Population Dynamics, Management, (Fishery Sciences)

Graduate Courses: None

Language of Instruction: English

Further Information: Fish Management Division, Florida Game and Freshwater Fish Commission, Tallahassee, Florida 32306, USA

OCEANOGRAPHIC INSTITUTE, FLORIDA STATE UNIVERSITY USA 39

Tallahassee, Florida, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses: Fish Biology (Fishery Sciences); Geological General Oceanography; Plankton, Ecology (Bio), Microbiology, Ichthyology, Biochemistry (Plant), Physiology, Taxonomy, Algae, Helminthology, Invertebrate Morphology and Classification, Invertebrate Biology, and General Biological Oceanography (Marine Biology); Climatology (Physical Oceanography); Marine Sediments (Petrology), Marine Palaeontology (Micro), Palaeontology of Ostracoda, and General Geological Oceanography

Language of Instruction: English

Foreign students accepted with: Must qualify for Graduate School requirements

Further Information: Florida State University, Oceanographic Institute, Tallahassee, Florida 32306, USA

DUKE UNIVERSITY MARINE LABORATORY USA 40

Beaufort, North Carolina, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Microbiology, Chemistry, Geology, (Basic Sciences); Fish Biology, (Fishery Sciences); Combined General Oceanography; Ecology, Mycology, Physiology, Embryology, Phycology, General Invertebrate Zoology, Radiation Biology, and General Biological Oceanography (Marine Biology); General Chemical Oceanography; Parasitology, (Freshwater Biology - Limnology)
Graduate Courses:	Zoology, Botany, Microbiology, Chemistry, Geology, (Basic Sciences); Biological, Chemical, and Geological General Oceanography; Ecology, Botany, Microbiology, Biochemistry, Behaviour, Physiology, (Biological Oceanography - Marine Biology); General Chemical Oceanography; Marine Sediments, and General Geological Oceanography
Language of Instruction:	English
Financial aid available to:	Foreign students: 20 training grants: travel, subsistence, UNESCO and Rockefeller (3 years)
Faculty:	Eight full-time and four part-time staff teach students and supervise research
Further Information:	Duke University Marine Laboratory Beaufort, North California 28516, USA

PAMLICO MARINE LABORATORY USA 41

Aurora, North Carolina, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	General Oceanography; General Biological Oceanography (Marine Biology)
Graduate Courses:	None
Language of Instruction:	English
Foreign students accepted with:	Must meet academic requirements of the North Carolina University at Raleigh
Further Information:	Pamlico Marine Laboratory P.O. Box 305, Route 2 Aurora, North Carolina USA

FORT JOHNSON MARINE BIOLOGICAL LABORATORY USA 42

Charleston, South Carolina, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology (Basic Sciences); Ecology, Microbiology, Physiology, (Biological Oceanography - Marine Biology)
Graduate Courses:	None
Language of Instruction:	English
Foreign students accepted with:	In particular, visitors whose work has a bearing on the role of marine bacteria in the sea
Further Information:	Fort Johnson Marine Biological Laboratory Route 1, Charleston, South Carolina, USA

MARINE INSTITUTE, UNIVERSITY OF GEORGIA USA 43

Sapelo Island, Georgia, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, (Basic Sciences); Fish Biology, (Fishery Sciences); Ecology, Microbiology, Ichthyology, Biochemistry, and General Biological Oceanography (Marine Biology); Marine Sediments, and General Geological Oceanography; Plankton, Ecology, and General Freshwater Biology (Limnology)
Graduate Courses:	As above, plus Biological General Oceanography
Language of Instruction:	English
Faculty:	Ten full-time staff teach students and supervise research
Further Information:	Director of Admissions, University of Georgia, Athens, Georgia 30602, USA

OCEANIC INSTITUTE USA 44

Waimanalo, Hawaii, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	General Biological Oceanography (Marine Biology)
Graduate Courses:	None
Special Courses: (by arrangement)	Brackish-water fish culture and pond management; Fish hatchery techniques; Diver training
Language of Instruction:	English
Further Information:	Oceanic Institute Makapuu Point Waimanalo, Hawaii 96765, USA

DEPARTMENT OF OCEANOGRAPHY, UNIVERSITY OF HAWAII USA 45

Honolulu, Hawaii, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Combined General Oceanography
Graduate Courses:	Biological, Chemical, Physical, and Geological General Oceanography; Plankton, Phytoplankton, Zooplankton, and General Biological Oceanography (Marine Biology); Tides and Waves, Ocean Circulation, Geophysics, Underwater Acoustics, Air/Sea Interaction, and General Physical Oceanography; Geochemistry, and General Chemical Oceanography; Marine Sediments, Marine Palaeontology, and General Geological Oceanography
Language of Instruction:	English
Foreign students accepted with:	Under the same conditions as American students. Must meet requirements of the Graduate Record Examination. Evidence of support or award of financial aid.
Faculty:	Twenty-five full time staff teach students and supervise research
Further Information:	Department of Oceanography, University of Hawaii, 2525 Correa Road, Honolulu, Hawaii 96822, USA

DEPARTMENT OF LIMNOLOGY, ACADEMY OF NATURAL SCIENCES OF PHILADELPHIA USA 46

Philadelphia, Pennsylvania, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	General Freshwater Biology (Limnology) Systematics of Diatoms
Graduate Courses:	None
Language of Instruction:	English
Foreign students accepted with:	With a high scholastic standing and evidence of their own financial support
Further Information:	Department of Limnology Academy of Natural Sciences of Philadelphia Nineteenth and the Parkway Philadelphia, Pennsylvania USA

DEPARTMENT OF BIOLOGY, MONTANA STATE UNIVERSITY — USA 47

Bozeman, Montana, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, (Basic Sciences); Fish Biology, Population Dynamics, Biometrics, Management, (Fishery Sciences); Fishery Resource Development; Chemical and Geological General Oceanography; Ichthyology (Biological Oceanography - Marine Biology); Meteorological Oceanography, Hydrology, Irrigation, Geography of Water Resources, (Physical Oceanography and Limnology); Freshwater Pollution; Plankton, Ecology, Aquatic Botany, Ichthyology, Biochemistry, Behaviour, Physiology, Taxonomy, Biometry, Aquatic Entomology, Parasitology, Aquatic Invertebrates and General Freshwater Biology (Limnology); Hydraulic Engineering, Water Resources Engineering, (Oceanographic Engineering)
Graduate Courses:	Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, (Basic Sciences); Fish Biology, Population Dynamics, Biometrics, Management, (Fishery Sciences); Fishery Resources Development; Freshwater Pollution; Plankton, Ecology, Aquatic Botany, Ichthyology, Biochemistry, Behaviour, Physiology, Taxonomy, Biometry, Aquatic Entomology, Parasitology, Aquatic Invertebrates, and General Freshwater Biology (Limnology)
Language of Instruction:	English
Foreign students accepted with:	Must meet the academic requirements of the Institution like all other students
Financial aid available to:	Graduate teaching and research assistantships available to citizens and foreign students
Faculty:	Three part-time and three full-time staff teach students and supervise research
Further Information:	Dr. James M. Pickett Department of Biology Montana State University Bozeman, Montana 59715 USA

DEPARTMENT OF FISHERIES AND ALLIED AQUACULTURE, AUBURN UNIVERSITY — USA 48

Auburn, Alabama, USA

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses: Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, (Basic Sciences); Fish Biology, Population Dynamics, Management, (Fishery Sciences); Fish Pathology; Marine and Freshwater Aquaculture; Ichthyology, (Biological Oceanography - Marine Biology); Plankton, Ecology, Aquatic Botany, Ichthyology, Biochemistry, Physiology, Taxonomy, Biometry, Aquatic Entomology, Parasitology, Freshwater Algae, Water Chemistry, Hatchery Management, and General Freshwater Biology (Limnology)

Graduate Courses: Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, (Basic Sciences); Fish Biology, Population Dynamics, Management, (Fishery Sciences); Fisheries Technology (Processing), Fishery Resource Development, Fish Pathology; Marine and Freshwater Aquaculture; Ecology, Ichthyology, Biochemistry, Physiology, Taxonomy, Biometry, Parasitology, Freshwater Algae, (Freshwater Biology - Limnology)

Language of Instruction: English

Foreign students accepted with: Secondary School Diploma, Baccalaureate Degree TOEFL test

Faculty: Twenty-one full-time staff teach students and supervise research

Further Information: Head, Department of Fisheries and Allied Aquaculture Swingle Hall, Auburn University, Auburn, Alabama 36830

DEPARTMENT OF ZOOLOGY, OCEANOGRAPHY, AND BOTANY, UNIVERSITY OF MAINE AT ORONO — USA 49

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses: Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, (Basic Sciences); Fish Biology, Biometrics, Management, (Fishery Sciences); Biological and Combined General Oceanography; Ecology, Botany, Mycology, Ichthyology, Biochemistry, Behaviour, Physiology, Taxonomy, Biometry, and General Biological Oceanography (Marine Biology); Contempory Environmental Pollution; Ecology, Biochemistry, Physiology, Taxonomy, Biometry, Aquatic Entomology, Parasitology, Embryology, and General Freshwater Biology (Limnology)

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UNIVERSITY OF MAINE (Contd.) USA 49

Graduate Courses: Zoology, Botany, Microbiology, Chemistry, Physics, Geology, Mathematics, (Basic Sciences); Fish Biology, Population Dynamics, Biometrics, and an Advanced Seminar in Fishery Sciences; Marine Aquaculture; Biological, Chemical, Physical, and Geological General Oceanography; Plankton, Ecology, Botany, Microbiology, Zoogeography, Ichthyology, Biochemistry, Physiology, Taxonomy, Biometry, and General Biological Oceanography (Marine Biology); General Physical Oceanography; Geochemistry, and General Chemical Oceanography; Marine Sediments, Marine Palaeontology, Tectonics of Sea Floor, and General Geological Oceanography; Ecology, Aquatic Botany, Ichthyology, Biochemistry, Behaviour, Taxonomy, Biometry, (Freshwater Biology - Limnology);

Language of Instruction: English

Foreign students accepted with: Baccalaureate Degree (+ GRE and TOEFL)

Financial aid available to: Citizens: Scholarships, Fellowships, Teaching Assistantships, Research Assistantships, Loans
Foreign Students: Very little aid available

Faculty: Twelve full-time and two part-time staff teach students and supervise research

Further Information: Fisheries: Leader, Maine Cooperative Fishery Unit
Oceanography: Director, Ira C. Darling Center, Walpole, Maine
Zoology: Chairman, Department of Zoology
Botany: Chairman, Department of Botany

Departments of Zoology, Oceanography and Botany,
University of Maine at Orono
Orono, Maine 04443, USA

MARINE INVESTIGATION STATION, MARGARITA VEN 01

Estado Nueva Esparta, Venezuela

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses: Physical and Biological General Oceanography; General Biological Oceanography (Marine Biology)

Graduate Courses: None

Language of Instruction: Spanish

Further Information: Estación de Investigaciones Marinas de Margarita
Punta de Piedras, Estado Nueva Esparta
Apartado 144, Venezuela

BIOLOGICAL INSTITUTE, UNIVERSITY OF ZAGREB YUG 01

Dubrovnik, Yugoslavia

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Zoology (Basic Sciences); Fish Biology; Zooplankton, Benthos, Hydrography, (Biological Oceanography - Marine Biology)
Graduate Courses:	Zoology (Basic Sciences); Zooplankton, (Biological Oceanography - Marine Biology)
Languages of Instruction:	Croatian, English, German
Faculty:	Three full-time staff teach students and supervise research
Further Information:	Professor Dr. Tomo Gamulin P.O. Box 39, Biolloski Institut, Dubrovnik, Yugoslavia

INSTITUTE OF MARINE BIOLOGY, YUGOSLAVIAN ACADEMY OF SCIENCE AND ART YUG 02

Rovinj, Yugoslavia

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Fish Biology; Marine Biology, Hydrology
Graduate Courses:	None
Languages of Instruction:	Croatian, German, English
Further Information:	Institute of Marine Biology, Yugoslavian Academy of Science and Art Paliaga 5, Rovinj, Yugoslavia

INSTITUTE OF FRESHWATER FISHERIES YUG 03

Zagreb, Yugoslavia

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiolgy or related specialized programmes as follows:

Undergraduate Courses:	Plankton, Ichthyology, Benthos, (Biological Oceanography - Marine Biology); Ichthyology, Limnology, (Freshwater Biology)
Graduate Courses:	None
Language of Instruction:	Croatian
Further Information:	Institute of Freshwater Fisheries B. Adžije 2, Zagreb, Yugoslavia

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INSTITUTE OF OCEANOGRAPHY AND FISHERIES YUG 04

Split, Yugoslavia

This Institution offers occasional courses, short courses, or similar kinds of training in fisheries, marine sciences, hydrobiology or related specialized programmes as follows:

Undergraduate Courses:	Fish Biology, Population Dynamics, (Fishery Sciences); General Biological Oceanography (Marine Biology)
Graduate Courses:	None
Short Courses: (occasional)	Hydrography of the Adriatic, Marine Biology, Fisheries Biology, Fisheries Technology
Language of Instruction:	Croatian
Further Information:	Institute of Oceanography and Fisheries P.O. B. 114, Rt. Marjana Split, Yugoslavia

APPENDIX 1

SHORT COURSES AND SPECIAL ADVANCED TRAINING PROGRAMMES

FISHERIES LABORATORY

Lowestoft, Suffolk, England, U.K. GBR 08

A few post-graduate university students of U.K. nationality receive full-time training in fishery science. The Laboratory is linked with the University of East Anglia and these students can study for the degree of Ph.D. there. Similar opportunities for the training of a limited number of research workers from other countries. Foreign students must possess Baccalaureate Degree and be fully supported financially, have an appropriate background, and expect to continue working in the fisheries field.

Language of Instruction: English

Further Information from: The Director

MARINE BIOLOGICAL ASSOCIATION OF THE U.K., PLYMOUTH LABORATORY GBR 09

Citadel Hill, Plymouth PL1, 2PB, England, U.K.

Research opportunities (undergraduate and graduate level) and short vacation courses, offered in: Biological and Chemical Oceanography (graduate level); Analytical Chemistry. Training given, as required, for laboratory technicians and for graduate workers in analytical chemistry, hydrography, biochemistry, phytoplankton and zooplankton identification, primary productivity studies. Short vacation courses in marine biology and physiology normally for British university undergraduates only, but overseas students can, at times, be accepted.

Language of Instruction: English

Further Information from: The Director

Annual report available in Journal of the Marine Biology Association

DEPARTMENT OF AGRICULTURE AND FISHERIES FOR SCOTLAND GBR 10

Marine Laboratory, Victoria Road, Torry, Aberdeen, Scotland, U.K.

Research opportunities (undergraduate level) offered in: Biological Oceanography (Marine Biology).

A few foreign university students receive training in fisheries research under a U.K. scheme while employed in the Laboratory. Such students (and members of the staff) must submit for higher degrees of the University of Aberdeen, subject to accommodation, etc. Graduate students of that University may obtain facilities for working in the Laboratory.

Language of Instruction: English

Further Information from: The Director

APPENDIX 1 contd

NEW ZEALAND MINISTRY OF AGRICULTURE AND FISHERIES, FISHERIES RESEARCH DIVISION — NZL 02

P.O. Box 19062, Ard Street, Wellington, New Zealand

Technicians recruited and offered part-time study leave to qualify for the New Zealand Certificate in Science.

Unsupervised research opportunities (graduate and staff undergraduate level) offered in: Fishery Sciences - Fish Biology, Population Dynamics; Aquaculture - Freshwater and Marine; Biological Oceanography (Marine Biology) - Plankton, Ecology, Zoogeography, Ichthyology, Behaviour; Marine Pollution; Freshwater Biology (Limnology) - General, Plankton, Ecology, Biometry, Aquatic Entomology, Parasitology.

Language of Instruction: English

EASTERN FISH DISEASE LABORATORY — USA 50

Leetown, Route No. 1, Kearneysville, West Virginia 25430, U.S.A.

Research opportunities and short courses (graduate and undergraduate level) offered in: Fish Disease Detection, Identification and Control; Fish Disease Training Course - All Aspects of Diseases of Freshwater Fishes, 1 September - 31 January; Short course on Basic Diagnostic and Control Methods for Discovery of Freshwater Fishes - two weeks every year in February (no diploma).

BIOLOGICAL LABORATORY — USA 51

National Marine Fisheries Service
National Oceanic and Atmospheric Administration (NOAA)
U.S. Department of Commerce, 212 Rogers Avenue, Milford, Connecticut 06460, U.S.A.

Research opportunities in Molluscan Aquaculture (undergraduate and graduate level) limited to one or two investigators at a time with six-months maximum in residence; foreign students with three-months maximum in residence.

Language of Instruction: English

Further Information from: Dr. James E. Hanks
Officer-in-Charge

SOUTHERN FISHERIES CENTER — USA 52

National Marine Fisheries Service
National Oceanic and Atmospheric Administration (NOAA)
U.S. Department of Commerce, 75 Virginia Beach Drive, Miami, Florida 33149, U.S.A.

Research opportunities (unsupervised - undergraduate level) offered in: Fish Biology, Systematics of Fishes, Biological Oceanography, Physical Oceanography. Applicants should be scientists carrying out research in Physical or Biological Oceanography, or Fishery Biology, preferably in the tropical and sub-tropical Atlantic Ocean and in problems of interest to the Laboratory's programme.

Language of Instruction: English

Further Information from: The Director

SUBJECT INDEX TO INSTRUCTIONAL PROGRAMMES

AQUACULTURE

Freshwater

BRA01 CHL03 CSK01 DEU03
DEU04 EGY01 FIN01 FRA13
GBR06 IND01 ISR01 JPN07
JPN14 JPN16 JPN20 KOR01
MYS01 PER01 PHI03 POL01
PRI01 SWE01 THA01 THA02
TUN01 TWN01 TWN02 USA05
USA13 USA15 USA16 USA20
USA23 USA25 USA30 USA35
USA48 ZAF01 ZAF03

Fish Diseases ISR03

Marine Plants JPN14

Pearl Oyster JPN23

Brackish Water PHI03

Marine

BRA01 CHL03 DEU03 DEU04
EGY01 FRA01 FRA04 FRA13
GBR06 ISR01 JPN07 JPN09
JPN14 JPN16 JPN17 JPN20
JPN24 JPN25 KOR01 KOR02
NOR01 NOR06 PRI01 THA02
TUN01 USA16 USA20 USA23
USA25 USA30 USA33 USA35
USA37 USA48 USA49 ZAF04

BASIC SCIENCES

Botany

AUT01 BRA01 CAN02 CAN03
CAN04 CAN05 CAN10 CHL02
CRI01 DEU02 DEU03 DEU04
EGY01 FIN03 FRA02 FRA04
FRA07 FRA08 FRA13 GBR01
GBR04 GBR06 GHA01 JPN14
JPN15 JPN16 JPN22 JPN26
KOR01 KOR02 NOR04 NOR06
PER01 POL01 POL05 PRI01
ROM01 TUN01 USA01 USA04
USA05 USA07 USA08 USA10
USA11 USA13 USA14 USA15
USA16 USA17 USA19 USA20
USA21 USA23 USA24 USA25
USA27 USA28 USA30 USA33
USA34 USA36 USA40 USA43
USA47 USA48 USA49 ZAF02

Chemistry

AUT01 BRA01 BRA03 CAN03
CAN05 CAN08 CAN10 CHL01
CHL03 CRI01 DEU03 DEU04
EGY01 FRA04 FRA05 FRA13
GBR01 GBR04 GBR06 GHA01
JPN14 JPN19 KOR01 MYS01
NOR06 PER01 PHI01 PHI03
POL01 POL03 POL04 POL05
PRI01 ROM01 TUN01 USA01
USA04 USA05 USA10 USA11
USA12 USA16 USA17 USA19
USA20 USA21 USA23 USA24
USA25 USA26 USA30 USA33
USA40 USA43 USA47 USA48
USA49 ZAF02

Geology

BRA01 CAN03 CAN05 CAN10
CRI01 EGY01 FIN03 FRA04
FRA05 FRA09 FRA13 GBR01
IND04 ISR03 JPN14 JPN26
MEX01 NOR06 PER01 PRI01
USA01 USA04 USA05 USA08
USA10 USA11 USA13 USA16
USA17 USA19 USA20 USA21
USA23 USA24 USA25 USA30
USA33 USA40 USA43 USA47
USA48 USA49 ZAF02

Mathematics

BRA01 CAN02 CAN05 CAN08
CAN10 CHL03 CRI01 EGY01
FRA04 FRA13 GBR01 GBR06
JPN14 KOR01 NOR06 PER01
PHI01 POL01 POL03 POL04
PRI01 ROM01 USA04 USA05
USA10 USA16 USA17 USA19
USA20 USA21 USA23 USA24
USA25 USA30 USA33 USA43
USA47 USA48 USA49 ZAF02

BASIC SCIENCES contd

Microbiology	AUS01	BRA01	CAN02	CAN03	Zoology	ARG03	AUS01	AUT01	BRA01
	CAN05	CAN08	CAN10	CHL03		BRA03	CAN02	CAN03	CAN04
	DEU02	DEU03	DEU04	EGY01		CAN05	CAN10	CHL01	CHL02
	FRA04	FRA05	FRA13	GBR01		CHL03	CHL04	CRI01	CUB01
	GBR06	GBR07	ISR03	JPN09		DEU02	DEU03	DEU04	DEU05
	JPN14	JPN16	JPN23	KOR01		EGY01	EGY02	EGY03	FIN03
	NOR06	PER01	PHI01	PHI03		FRA01	FRA02	FRA04	FRA08
	POL01	POL04	THA02	TUN01		FRA10	FRA12	FRA13	GBR01
	TWN01	USA01	USA04	USA05		GBR03	GBR04	GBR06	GHA01
	USA07	USA10	USA11	USA12		IND02	IND03	IND04	ISR03
	USA15	USA16	USA17	USA19		ITA01	JPN02	JPN05	JPN09
	USA20	USA21	USA23	USA24		JPN12	JPN14	JPN15	JPN16
	USA25	USA27	USA28	USA30		JPN17	JPN19	JPN22	JPN23
	USA33	USA34	USA40	USA43		JPN26	KOR01	KOR02	MEX02
	USA47	USA48	USA49	ZAF02		MYS01	NOR04	NOR06	NZL01
						PER01	PHI01	POL01	POL02
Physics	BRA01	CAN03	CAN05	CAN08		POL05	PRI01	PRT01	ROM01
	CAN10	CHL03	CRI01	DEU03		THA01	TUN01	TWN02	USA01
	DEU04	EGY01	FRA04	FRA05		USA03	USA04	USA05	USA06
	FRA13	GBR01	GBR06	JPN14		USA07	USA08	USA10	USA11
	KOR01	NOR06	PER01	PHI01		USA12	USA13	USA14	USA15
	POL01	POL03	POL04	PRI01		USA16	USA17	USA19	USA20
	ROM01	TUN01	TWN01	USA04		USA21	USA23	USA24	USA25
	USA05	USA10	USA11	USA16		USA26	USA27	USA28	USA29
	USA17	USA19	USA20	USA21		USA30	USA33	USA34	USA36
	USA23	USA24	USA25	USA30		USA37	USA40	USA42	USA43
	USA33	USA43	USA47	USA48		USA47	USA48	USA49	YUG01
	USA49	ZAF02				ZAF01	ZAF02	ZAF03	
					Biochemistry			FRA10	USA26

BIOLOGICAL OCEANOGRAPHY - MARINE BIOLOGY

Behaviour	CHL03	FRA05	FRA13	GBR01	Botany	BRA01	CAN03	CAN10	CUB01
	GBR02	GBR04	JPN07	NLD01		DEU02	DEU04	DZA01	EGY01
	PRI01	USA05	USA17	USA19		FIN02	FIN03	FRA02	FRA04
	USA23	USA24	USA30	USA37		FRA10	FRA13	GBR02	GBR04
	USA40	USA49	ZAF04			GHA01	ISR02	JPN07	JPN14
						JPN15	JPN16	JPN24	JPN26
Biochemistry	BRA01	BRA03	CHL03	DEU04		JPN27	KOR01	KOR02	NLD01
	EGY01	FRA01	FRA03	FRA04		NOR03	NOR06	POL02	PRI01
	FRA13	JPN07	JPN09	JPN20		TUN01	USA05	USA13	USA14
	NLD01	NOR06	POL02	POL05		USA16	USA17	USA19	USA23
	PRI01	TUN01	USA05	USA12		USA24	USA25	USA28	USA30
	USA17	USA23	USA24	USA28		USA35	USA40	USA49	ZAF04
	USA30	USA35	USA37	USA39					
	USA40	USA43	USA49	ZAF04					
Biometry	CHL03	EGY01	FRA13	JPN07					
	JPN13	PRI01	USA12	USA13					
	USA16	USA17	USA23	USA24					
	USA30	USA35	USA37	USA49					
	ZAF04								

BIOLOGICAL OCEANOGRAPHY - MARINE BIOLOGY contd

Ecology

ARG03 AUS01 BRA01 BRA03
CAN02 CAN03 CHL03 CHL04
CRI01 CUB01 DEU02 DEU04
DZA01 EGY01 EGY03 FIN02
FRA01 FRA02 FRA04 FRA05
FRA08 FRA10 FRA13 GBR01
GBR02 GBR04 GBR07 IND04
ISR03 JPN01 JPN03 JPN07
JPN09 JPN10 JPN11 JPN12
JPN13 JPN14 JPN15 JPN16
JPN17 JPN22 JPN23 JPN24
KOR01 KOR02 NLD01 NOR05
NOR06 NZL01 PHI01 PRI01
PRT01 THA02 TUN01 TWN02
USA05 USA13 USA16 USA17
USA19 USA21 USA23 USA24
USA25 USA26 USA28 USA29
USA30 USA31 USA33 USA35
USA37 USA39 USA40 USA42
USA43 USA49 ZAF03 ZAF04

Ichthyology

ARG02 CAN11 CHL03 CHL04
CRI01 DEU04 EGY01 FIN02
FRA04 FRA13 GBR02 ISR02
ISR03 JPN01 JPN02 JPN06
JPN07 JPN09 JPN15 JPN16
JPN17 JPN22 JPN23 KOR01
KOR02 NLD01 NOR06 PER01
PHI01 POL01 POL03 POL05
PRI01 THA02 TUN01 USA05
USA06 USA07 USA10 USA12
USA13 USA14 USA15 USA16
USA17 USA19 USA21 USA22
USA23 USA25 USA26 USA27
USA29 USA30 USA32 USA33
USA35 USA37 USA39 USA43
USA47 USA48 USA49 YUG03
ZAF03 ZAF04

Microbiology

BRA01 CAN03 CAN09 CAN10
CHL03 DEU02 DEU04 EGY01
FRA04 FRA05 FRA13 GBR02
GBR06 GBR07 ISR03 JPN07
JPN09 NLD01 NOR05 POL05
PRI01 THA02 TUN01 USA03
USA05 USA16 USA17 USA22
USA23 USA24 USA26 USA28
USA30 USA35 USA39 USA40
USA42 USA43 USA49

Mycology

FRA04 JPN09 NLD01 PRI01
TUN01 USA05 USA16 USA17
USA19 USA24 USA30 USA35
USA40 USA49

Physiology

BRA01 BRA03 CAN01 CAN02
CAN03 CHL03 DEU03 DEU04
EGY01 FIN02 FRA01 FRA05
FRA13 GBR01 GBR02 GBR04
GBR05 JPN01 JPN04 JPN07
JPN09 JPN10 JPN11 JPN15
JPN16 JPN17 JPN19 JPN20
JPN22 JPN23 JPN26 KOR02
NLD01 POL05 PRI01 PRT01
SWE02 USA05 USA12 USA16
USA17 USA19 USA21 USA23
USA24 USA26 USA28 USA29
USA30 USA35 USA37 USA39
USA40 USA42 USA49 ZAF04

Plankton

ARG03 BRA01 BRA03 CAN01
CAN10 CHL03 CHL04 CUB01
DEU02 DEU04 DZA01 EGY01
FIN02 FRA02 FRA04 FRA05
FRA07 FRA10 FRA13 GBR01
GBR02 GBR04 ISR02 ISR03
JPN01 JPN02 JPN03 JPN07
JPN09 JPN11 JPN12 JPN13
JPN15 JPN16 JPN17 JPN22
JPN23 JPN24 JPN26 JPN27
KOR01 KOR02 NOR02 NOR04
NOR05 PRI01 SGP01 THA02
TUN01 USA13 USA16 USA17
USA19 USA23 USA24 USA25
USA30 USA35 USA37 USA39
USA45 USA49 YUG03 ZAF04

Taxonomy

CHL03 CHL04 DEU04 EGY01
FRA01 FRA13 JPN02 JPN07
JPN09 JPN13 JPN22 KOR01
KOR02 PER01 PRI01 PRT01
SWE02 THA02 TUN01 USA16
USA17 USA19 USA21 USA23
USA30 USA35 USA37 USA39
USA49 ZAF03 ZAF04

Zoogeography

EGY01 FRA01 FRA04 FRA13
ISR03 JPN02 JPN22 KOR02
NLD01 NOR03 PRI01 THA02
USA05 USA16 USA17 USA19
USA21 USA22 USA23 USA24
USA30 USA35 USA37 USA49
ZAF03 ZAF04

BIOLOGICAL OCEANOGRAPHY - MARINE BIOLOGY contd

General

ARG02 AUS02 BMU01 BRA01
BRA02 BRA03 CAN01 CHL01
CHL02 CHL03 CHL04 CRI01
CUB01 DEU03 DEU04 DZA01
EGY01 EGY03 EGY04 ESP01
FIN03 FRA01 FRA02 FRA04
FRA05 FRA08 FRA10 FRA13
GBR01 GBR03 GBR04 IND02
IND03 IND04 IND05 IND06
IND07 ISR02 ISR03 ITA03
JPN07 JPN12 JPN18 JPN20
JPN21 JPN22 JPN23 JPN24
JPN25 JPN26 KOR01 KOR02
MAR01 MEX01 NOR03 NOR04
NOR06 NZL01 PER01 PHI01
POL03 POL05 PRI01 SGP01
THA02 TUN01 USA02 USA05
USA13 USA16 USA17 USA18
USA19 USA21 USA22 USA23
USA24 USA25 USA27 USA29
USA30 USA31 USA33 USA35
USA39 USA40 USA41 USA43
USA44 USA45 USA49 VEN01
YUG02 YUG04 ZAF02 ZAF04

Algae ARG03

Phytoplankton, Pharmacology BRA03

Benthos CAN01

Hydrobiology DEU03

Zoology FIN03

Ecophysiology of the Estuarine Development FRA01

Sampling FRA11

Benthos ISR02

Phycology, Macrobiology ISR03

Experimental Embryology JAM02

Experimental Embryology of Sea Urchins, Malacology JPN01

Developmental and Experimental Embryology of Sea Urchins and Oysters JPN03

Marine Invertebrate Zoology, Ornithology JPN04

Zoophysiology, Embryology JPN05

Embryology, Algology JPN06

Embryology, Phycology JPN09

Algology JPN11

Marine Invertebrate Zoology, Algology, Embryology of Marine Animals JPN12

Marine Invertebrate Zoology JPN13

Zoology JPN14

Embryology of Aquatic Animals JPN15

Animal Histology, Animal Embryology, Embryology of Algae JPN16

Embryology JPN19

Embryology of Marine Animals JPN21

Algology, Invertebrate Anatomy JPN22

Animal Embryology, Fish Pathology, Animal Histology JPN23

Hydrography JPN24

Algology, Invertebrate Zoology JPN26

Marine Benthonic Algae NOR02

Zoology NOR02

Algae, Marine Invertebrate and Vertebrate Biology NOR04

Invertebrates POL02

Comparative Anatomy PRT01

Morphology (of marine algae) SWE02

Zooplankton, Phytoplankton TUN01

Aquatic and Marsh Plants USA13

Algology USA16

Marine Palaeoecology, Coastal Environments USA19

BIOLOGICAL OCEANOGRAPHY - MARINE BIOLOGY contd

Benthos, Reefs USA24

Algology, Pathobiology of Invertebrates, Physiological Ecology of Marine Pelecypods, Marine Invertebrate Pathology USA26

Invertebrate Systematics, Morphology, Bionomics, Life History Studies USA27

Gamete Physiology and Fertilization, Embryology USA28

Environmental Biology, Estuarine Biology USA29

Marine Invertebrate and Vertebrate Systematics, Embryology, Phycology USA37

Algae, Helminthology, Invertebrate Morphology and Classification, Invertebrate Biology USA39

Embryology, Phycology, General Invertebrate Zoology, Radiation Biology USA40

Zooplankton, Phytoplankton USA45

Zooplankton, Benthos, Hydrography YUG01

Hydrology YUG02

Benthos YUG03

Systematics ZAF03

CHEMICAL OCEANOGRAPHY

Geochemistry
CAN03 CAN10 CHL03 EGY01
FRA04 FRA09 FRA13 GBR02
ISR03 USA05 USA16 USA17
USA22 USA23 USA24 USA25
USA26 USA30 USA37 USA45
USA49

General
BRA01 CAN03 CAN10 CHL03
DEU03 EGY01 FRA04 FRA13
GBR01 GBR02 ISR03 JPN24
JPN25 KOR01 KOR02 NOR05
PER01 PHI03 PRI01 TUN01
USA05 USA16 USA17 USA22
USA23 USA24 USA25 USA26
USA27 USA30 USA33 USA35
USA37 USA40 USA45 USA49
ZAF02

Organic Production SGP01

FISHERY SCIENCES

Biometrics
BRA01 CAN04 CAN10 CHL03
CHL04 DEU03 EGY01 ESP01
FRA01 FRA13 GBR04 JPN07
JPN25 KOR01 PHI01 POL01
PRI01 TUN01 USA04 USA05
USA16 USA17 USA19 USA21
USA24 USA25 USA30 USA37
USA47 USA49 ZAF04

Fish Biology
ARG02 AUT02 BRA01 CAN02
CAN03 CAN04 CAN05 CAN08
CAN10 CAN11 CHL03 CHL04
CRI01 CSK01 DDR01 DEU01
DEU02 DEU03 DEU04 DEU05
EGY01 EGY03 ESP01 FIN01
FRA01 FRA05 FRA13 GBR04
GHA01 IND01 IND02 IND04
ISR03 ITA01 JPN02 JPN06
JPN07 JPN09 JPN10 JPN14
JPN15 JPN20 JPN24 JPN25
KOR01 KOR02 MEX02 NOR01

Fish Biology contd
NOR05 NOR06 PER01 POL01
POL02 PRI01 SGP01 THA01
THA02 TUN01 TWN01 TWN02
USA01 USA02 USA04 USA05
USA06 USA07 USA08 USA10
USA11 USA12 USA13 USA15
USA16 USA17 USA19 USA20
USA21 USA23 USA24 USA25
USA26 USA29 USA30 USA33
USA35 USA36 USA37 USA38
USA39 USA40 USA43 USA47
USA48 USA49 YUG01 YUG02
YUG04 ZAF04

FISHERY SCIENCES contd

Management	BRA01	CAN02	CAN04	CAN05
	CAN08	CAN10	CAN11	CHL03
	DDR01	DEU03	EGY01	IND01
	JPN14	JPN25	KOR01	NOR06
	PER01	PHI01	PHI02	PHI03
	POL01	PRI01	ROM01	SGP01
	THA01	THA02	USA05	USA06
	USA10	USA11	USA12	USA13
	USA15	USA16	USA23	USA26
	USA30	USA35	USA37	USA38
	USA47	USA48	USA49	ZAF04
Population Dynamics	AUS01	BRA01	CAN03	CAN04
	CAN05	CAN10	CHL03	CHL04
	CSK01	DEU01	DEU03	DEU04
	EGY01	ESP01	FIN01	FRA13
	GBR04	ISR03	JPN09	JPN14
	JPN16	JPN20	JPN23	JPN24
	JPN25	KOR01	KOR02	NOR06
	PER01	POL01	PRI01	THA02
	TUN01	USA01	USA04	USA05
	USA06	USA07	USA10	USA12
	USA15	USA16	USA17	USA19
	USA21	USA23	USA25	USA30
	USA34	USA35	USA36	USA37
	USA38	USA47	USA48	USA49
	YUG04	ZAF04		
General			BRA02	USA27

Fishery Oceanography	BRA01
Fish Diseases	DDR01
Physiology	DEU01
Fish Pathology	DEU03
Marine Biochemistry	FRA03
Statistics	POL05
Geology	USA04
Aquatic Ecology	USA10
Fishery Research Techniques	USA13
Ecology	USA24
Shellfish Biology, Histochemistry of Fish	USA29
Advanced Seminar in Fishery Sciences	USA49

FRESHWATER BIOLOGY - LIMNOLOGY

Aquatic Botany	AUT01	BRA01	CAN04	CAN05
	CAN10	CHL03	CSK01	DEU01
	EGY01	FIN01	FIN02	FRA07
	FRA11	FRA13	GHA01	ITA01
	JPN07	JPN11	POL01	SWE01
	THA02	USA01	USA04	USA05
	USA08	USA09	USA11	USA13
	USA15	USA16	USA17	USA19
	USA21	USA23	USA34	USA47
	USA48	USA49		
Aquatic Entomology	AUT01	CAN04	CAN05	CAN10
	CHL03	FIN01	GBR01	PRI01
	USA01	USA03	USA04	USA05
	USA06	USA07	USA08	USA09
	USA10	USA11	USA13	USA16
	USA17	USA23	USA25	USA26
	USA34	USA36	USA47	USA48
	USA49			

Behaviour	BRA01	CAN02	CAN05	CAN10
	CHL03	DEU03	FIN01	FRA13
	GBR01	JPN07	POL01	PRI01
	USA01	USA09	USA15	USA17
	USA19	USA23	USA36	USA47
	USA49			
Biochemistry	CAN05	CAN10	CHL03	EGY01
	FIN01	JPN07	JPN16	MYS01
	POL01	TWN01	USA04	USA16
	USA17	USA23	USA26	USA30
	USA35	USA47	USA48	USA49
Biometry	CAN10	CHL03	CHL04	EGY01
	FIN01	FRA13	JPN07	POL01
	PRI01	THA02	USA06	USA10
	USA12	USA16	USA17	USA21
	USA23	USA24	USA26	USA30
	USA35	USA47	USA48	USA49

FRESHWATER BIOLOGY - LIMNOLOGY contd

Ecology

ARG02 AUT01 BRA01 CAN02
CAN05 CAN07 CAN10 CHL03
CHL04 CSK01 DDR03 DEU03
EGY01 FIN01 FRA01 FRA11
FRA13 GBR01 JPN07 JPN08
JPN11 JPN12 KOR01 KOR02
NOR02 PER01 PHI01 PHI03
POL01 PRI01 THA02 USA01
USA04 USA05 USA06 USA07
USA08 USA09 USA10 USA11
USA15 USA16 USA17 USA19
USA21 USA23 USA24 USA25
USA26 USA28 USA30 USA34
USA36 USA43 USA47 USA48
USA49 ZAF01 ZAF03

Ichthyology

ARG02 CAN02 CAN05 CAN10
CHL03 CHL04 DEU01 DEU03
DEU04 DEU05 EGY01 FIN01
FRA11 FRA13 ISR03 JPN07
JPN09 KOR01 KOR02 PER01
PHI03 POL01 PRI01 THA02
USA01 USA04 USA05 USA06
USA07 USA08 USA10 USA11
USA12 USA14 USA15 USA16
USA17 USA19 USA21 USA23
USA25 USA26 USA30 USA32
USA35 USA36 USA47 USA48
USA49 YUG03 ZAF03

Parasitology

CAN02 CAN05 CAN10 CHL03
CSK01 DEU03 DEU05 EGY04
FIN01 IND01 JPN09 KOR01
MYS01 PHI01 PHI03 POL01
POL05 PRI01 THA01 USA03
USA04 USA05 USA07 USA08
USA09 USA10 USA11 USA12
USA13 USA15 USA16 USA17
USA19 USA23 USA26 USA30
USA35 USA36 USA40 USA47
USA48 USA49 ZAF01

Physiology

AUT01 BRA01 CAN02 CAN04
CAN05 CAN10 CHL03 CSK01
EGY01 EGY02 EGY04 FIN01
FRA13 GBR01 JPN07 KOR01
KOR02 PER01 PHI03 POL01
PRI01 SWE02 THA02 USA04
USA06 USA09 USA10 USA11
USA16 USA17 USA19 USA21
USA23 USA24 USA25 USA26
USA28 USA30 USA35 USA47
USA48 USA49

Plankton

AUT01 BRA01 CAN05 CAN07
CAN10 CHL03 CHL04 CSK01
DEU01 EGY01 EGY02 FIN01
FRA04 FRA07 FRA11 FRA13
GBR01 GHA01 ISR03 JPN07
JPN11 KOR02 MYS01 POL01
PRI01 SWE01 THA02 TWN01
TWN02 USA01 USA05 USA06
USA07 USA11 USA15 USA16
USA17 USA19 USA23 USA24
USA25 USA34 USA35 USA43
USA47 USA48 ZAF01

Taxonomy

AUT01 CAN04 CAN05 CAN10
CHL03 CHL04 EGY01 FIN01
FRA07 FRA13 JPN07 KOR02
POL01 PRI01 PRT01 SWE02
USA01 USA04 USA07 USA08
USA09 USA11 USA15 USA16
USA17 USA19 USA21 USA23
USA25 USA26 USA30 USA34
USA35 USA36 USA47 USA48
USA49 ZAF01

General

ARG01 AUT01 AUT02 CAN05
CAN06 CAN10 CHL03 CHL04
CRI01 CSK01 DDR02 DEU01
DEU03 EGY01 EGY02 EGY04
FIN01 FRA01 FRA09 FRA11
FRA13 GBR01 IND03 ISR01
ISR03 ITA01 JPN07 JPN11
JPN16 KOR01 KOR02 MAR01
MYS01 NOR02 NOR06 PER01
PHI03 POL05 SGP01 SWE03
THA01 USA01 USA03 USA04
USA05 USA06 USA07 USA08
USA09 USA10 USA11 USA12
USA13 USA15 USA16 USA17
USA19 USA21 USA23 USA30
USA31 USA34 USA35 USA36
USA43 USA46 USA47 USA48
USA49 YUG03 ZAF02

Bottom Fauna and Flora of Lakes AUT01

Algology and Polynology CAN07

Plant Ecology, Ornithology DDR02

Limnochemistry, Microbiology, Running Water DEU01

Fish Diseases, Aquatic Invertebrates DEU03

Fish Diseases, Hydrobiology DEU05

FRESHWATER BIOLOGY - LIMNOLOGY contd

Algae	EGY02
Algae	EGY03
Algae	EGY04
Hydrobiology	FIN01
Hydrobiology	FIN02
Biology of Rock Pools	FIN02
Physical Limnology, Instrumentation in Limnology	ISR03
Limnology - Physics and Chemistry	ITA01
Mountain Biology	JPN08
Paleolimnology	JPN11
Histology, Embryology, Fish Nutrition, Fish Diseases, Genetics	JPN14
Culture and Management, Mariculture and Management	KOR01
Embryology	KOR02
Fish Pond Biology	MYS01
Sediments, Geomorphology, Landlocked Waters	NOR02
Fish Pathology (Ichthiopathology)	PER01
Phycology, Morphometry (Lakes)	PHI01
Reproduction and Early Life of Fishes, Morphometry, Limnology, Phycology, Inland Fisheries Management	PHI03
Management of Ponds, Lakes and Rivers	POL05
Productivity	SGP01
Management of Fish Ponds and Lakes	SWE01
Morphology (of freshwater algae)	SWE02
Pond Construction, Hatcheries Management	THA01
Fish Diseases, Bacteriology, Embryology, Genetics, Fisheries Literature	THA02
Aquatic Invertebrate Systematics, Aquatic Plants	USA01
General Invertebrate Zoology	USA03
Conservation of Aquatic Resources	USA04
Algae	USA07
Invertebrates, Helminthology, Bryophytes, Algae, Fungi	USA08
Invertebrates, Algae	USA09
Microbiology, Mycology, Radiation	USA11
Herpetology, Natural History of Invertebrates	USA15
Algae	USA26
Ecology of Micro-organisms in Aquatic and Soil Environments	USA30
Herpetology, Algology, Mycology, Plant Anatomy, Experimental Embryology, Spermatophytes, Mammalogy, Ecological Genetics	USA36
Systematics of Diatoms	USA46
Aquatic Invertebrates	USA47
Freshwater Algae, Water Chemistry, Hatchery Management	USA48
Embryology	USA49
Microbiology	ZAF01
Zoogeography, Systematics	ZAF03

GENERAL OCEANOGRAPHY

Biological

BRA01 CAN08 CAN10 CHL03
EGY01 ESP01 FRA02 FRA03
FRA04 FRA05 FRA12 FRA13
GBR01 GBR02 ISR03 JPN02
JPN07 JPN12 JPN24 KOR01
KOR02 NOR06 PER01 PRI01
THA02 TUN01 USA05 USA06
USA11 USA12 USA13 USA16
USA17 USA19 USA21 USA22
USA23 USA24 USA26 USA29
USA30 USA35 USA37 USA40
USA43 USA45 USA49 VEN01
ZAF02 ZAF04

Chemical

BRA01 CAN10 CHL03 EGY01
ESP01 FIN02 FRA04 FRA09
FRA13 GBR02 ISR03 JPN07
JPN24 JPN25 KOR01 KOR02
MEX01 NLD01 PRI01 THA02
TUN01 USA05 USA16 USA17
USA21 USA22 USA23 USA24
USA25 USA26 USA27 USA29
USA30 USA35 USA37 USA40
USA45 USA47 USA49

Combined

AUS01 CAN01 CAN06 CHL03
DEU04 DZA01 EGY01 EGY02
EGY03 EGY04 FRA04 FRA05
GBR01 JPN07 JPN15 JPN16
JPN23 KOR01 KOR02 NOR06
PHI01 POL01 PRI01 SGP01
THA02 USA05 USA08 USA16
USA17 USA19 USA23 USA24
USA25 USA30 USA33 USA40
USA45 USA49 ZAF04

Geological

BMU02 BRA01 CAN10 CHL03
EGY01 FRA04 FRA13 GBR02
ISR03 PRI01 USA05 USA13
USA16 USA17 USA19 USA22
USA23 USA24 USA25 USA26
USA30 USA35 USA37 USA40
USA45 USA47 USA49 ZAF02

Physical

BMU02 BRA01 CAN08 CAN10
CHL03 EGY01 FRA02 FRA04
FRA05 FRA09 FRA13 GBR02
ISR03 JPN24 JPN25 KOR01
NLD01 PER01 PRI01 THA02
TUN01 USA05 USA11 USA12
USA16 USA17 USA21 USA22
USA23 USA24 USA25 USA26
USA30 USA35 USA37 USA45
USA49 VEN01 ZAF02

General

BRA02 CHL03 CRI01 JAM02
MEX01 PHI01 USA05 USA17
USA24 USA31 USA41

GEOLOGICAL OCEANOGRAPHY

Marine Palaeontology

ISR03 PRI01 USA05 USA16
USA17 USA19 USA24 USA25
USA37 USA39 USA45 USA49

Marine Sediments

BMU02 BRA01 CAN03 CAN09
CAN10 CHL03 EGY01 FRA04
FRA05 FRA09 FRA13 ISR03
MEX01 PRI01 USA05 USA11
USA14 USA16 USA17 USA19
USA22 USA23 USA24 USA25
USA26 USA35 USA37 USA39
USA40 USA43 USA45 USA49

General

BRA01 CAN03 CAN10 CHL03
EGY01 FRA04 FRA05 ISR03
PER01 PRI01 THA02 USA05
USA16 USA17 USA19 USA22
USA23 USA24 USA25 USA30
USA35 USA37 USA39 USA40
USA43 USA45 USA49 ZAF02

Magnetic + Gravity, Geophysical, Seismic, Geochemistry, Ecology of Phytoplankton CAN09

Palaeontology of Ostracoda USA39

Tectonics of Sea Flora USA49

OCEANOGRAPHIC ENGINEERING	FRA03	ITA01	TWN01	USA05
	USA17	USA22	USA23	USA35
	USA47			
ORNITHOLOGY				USA08

OTHER FISHERIES SUBJECTS

Fishery Economics	BRA01	CAN11	CHL03	DDR01
	DEU03	FIN01	FRA13	JPN07
	JPN09	JPN14	KOR01	NOR06
	PER01	POL01	POL03	THA02
	USA16	USA23	USA37	
Fishing Gear and Methods	BRA01	CAN01	CAN08	CHL03
	DEU03	EGY01	FRA13	JPN07
	JPN09	JPN14	JPN25	KOR01
	MEX02	NOR06	PER01	PHI01
	PHI03	POL01	SGP01	THA02
	TUN01	TWN01	USA10	USA11
	USA15	USA23	USA33	
Fishery Law	BRA01	CAN08	CAN11	CHL03
	DEU03	JPN07	JPN14	KOR01
	MEX01	NOR06	PHI01	PHI03
	POL01	POL03	SGP01	THA02
	USA23	USA35	USA37	
Fishery Resource Development	BRA01	CHL03	DDR01	DEU03
	EGY01	FRA13	JPN07	JPN14
	KOR01	PER01	PRI01	SGP01
	THA01	TUN01	TWN01	USA11
	USA12	USA16	USA23	USA47
	USA48	ZAF04		
Fisheries Technology (Processing)	BRA01	CAN08	CHL03	DDR01
	DEU03	ESP01	FIN01	FRA13
	JPN07	JPN09	JPN14	JPN16
	JPN20	JPN23	JPN25	KOR01
	MEX02	NOR06	PER01	PHI01
	PHI03	POL01	POL03	POL05
	ROM01	THA02	USA05	USA16
	USA23	USA48		

Fishery Statistics	BRA01
Microbiology	GBR06
Food Sanitation	JPN16
Sanitation	MEX02
Sociology	NOR06
Refrigeration, Fishery Product Development	PHI01
Financing and Credit	PHI02
Endocrinology	POL02
Fishing Industry	SGP01
Marketing, Commercial Fisheries	USA05
Fish Pathology	USA48

PHYSICAL OCEANOGRAPHY

Air/Sea Interaction	CAN03	CAN08	CAN10	CHL03
	DEU04	EGY01	FRA04	ISR03
	USA05	USA16	USA17	USA23
	USA24	USA25	USA37	USA45
	ZAF02			
Geophysics	CAN03	CHL03	FRA04	FRA05
	FRA13	USA05	USA16	USA17
	USA19	USA22	USA23	USA24
	USA25	USA26	USA30	USA37
	USA45			

Meteorological Oceanography	BRA01	CAN03	CAN08	CHL03
	DEU04	EGY01	JPN07	KOR01
	MEX01	PER01	POL03	POL04
	PRI01	USA05	USA16	USA17
	USA19	USA24	USA25	USA30
	USA37	USA47		
Ocean Circulation	CAN03	CAN08	CAN10	CHL03
	DEU04	EGY01	FRA04	FRA05
	FRA09	FRA13	GBR01	ISR03
	KOR01	PRI01	USA05	USA16
	USA17	USA19	USA22	USA23
	USA24	USA25	USA26	USA30
	USA37	USA45	ZAF02	

PHYSICAL OCEANOGRAPHY contd

Tides and Waves	CAN03	CAN08	CAN10	CHL03
	DEU04	EGY01	FRA04	FRA05
	FRA13	GBR01	ISR03	KOR01
	PHI03	PRI01	THA02	USA05
	USA16	USA17	USA22	USA23
	USA24	USA25	USA26	USA30
	USA35	USA37	USA45	ZAF02
Underwater Acoustics	CAN03	CAN08	CAN10	CHL03
	DEU04	FRA04	JPN09	KOR01
	POL03	USA16	USA17	USA22
	USA23	USA24	USA37	USA45
General	BRA01	CAN01	CAN03	CHL03
	DEU03	DEU04	EGY01	FRA04
	FRA05	FRA13	GBR01	ISR03
	JPN24	JPN25	KOR01	NOR06
	PER01	PHI03	PRI01	THA02
	USA05	USA11	USA16	USA17
	USA19	USA22	USA23	USA24
	USA25	USA30	USA33	USA35
	USA37	USA45	USA49	ZAF02

Physics of Sea Ice and Methods of Forecasting Ice Conditions, Air-Sea Energy Exchange	CAN03
Climatology - Limnology	USA11
Climatology	USA39
Hydrology, Irrigation, Geography of Water Resources, Limnology	USA47

POLLUTION

Freshwater Pollution	AUT01	BRA01	CAN02	CAN07
	CHL03	CHL04	CSK01	DDR03
	DEU03	DEU05	EGY01	FIN01
	FRA04	FRA07	FRA09	FRA13
	GBR06	IND01	ITA01	JPN07
	JPN12	JPN25	KOR01	KOR02
	POL01	POL02	PRI01	THA01
	THA02	USA01	USA08	USA10
	USA15	USA17	USA19	USA23
	USA25	USA30	USA47	
Marine Pollution	BRA01	CAN03	CHL03	DEU03
	DEU04	EGY01	FIN03	FRA01
	FRA03	FRA04	FRA05	FRA13
	GBR01	GBR06	GBR07	ISR03
	ITA01	JPN07	JPN09	JPN12
	JPN24	JPN25	KOR01	KOR02
	NOR05	POL02	PRI01	TUN01
	USA16	USA17	USA19	USA23
	USA30	USA33	USA35	

Limnology - Pollution	CAN04
Sanitary Engineering	DDR03
Brackish Water	FIN01
Statistics	FRA04
Depuration of Shellfish	USA26
Depredation of Pollutants by Micro-organisms	USA27
Marine Toxins	USA29
Contemporary Environmental Pollution (Survey)	USA49

SHORT COURSES AND SPECIAL ADVANCED TRAINING PROGRAMMES

	GBR08	GBR09	GBR10	NZL02
	USA50	USA51	USA52	